

# TEXTILE BULLETIN

Vol. 52

June 3, 1937

No. 14

Less Card Adjustment  
Lower Lubricant Cost

That's why most mills lubricate  
**CARDS** regularly with

TRADE MARK

REGISTERED

**NON-FLUID OIL**

IN U.S. PAT. OFFICE &

FOREIGN COUNTRIES

Which outlasts ordinary oil 6 to 8 times  
in Comb-boxes!

*Get these results on your cards - send for free testing sample!*

**NEW YORK & NEW JERSEY LUBRICANT CO.**

292 MADISON AVENUE

NEW YORK

**Works: NEWARK, N. J.**

Southern District Manager: L. W. THOMASON, Charlotte, N. C.

**WAREHOUSES:**

Charlotte, N. C.

Spartanburg, S. C.

Greenville, S. C.

Atlanta, Ga.

Providence, R. I.

Detroit, Mich.

Chicago, Ill.

St. Louis, Mo.

The New Features of the X Model Loom  
That Made It Run So Smoothly



at  
202 Picks  
at  
the Textile Show  
in  
Greenville  
Drew the Crowd  
Every Day  
and  
All Day Long

It Was  
Proof

Of the Progress We Have Made  
in Loom Building in 2 Years

DRAPER CORPORATION

Atlanta Georgia

Hopedale Massachusetts

Spartanburg S C

## Anderson Explains Company's Labor Policy To His Employees\*

THE newspapers are filled almost daily with discussions of the Wagner Act and its validation by the Supreme Court and the effect of this legislation on the workers and the employers in American industry.

We read constantly of strikes in other industries throughout the country and of the promises being made by the labor organizers that they intend to unionize the workers in the cotton mills.

The unionization of the textile workers here in the South was attempted nearly three years ago by the United Textile Workers, then a branch of the American Federation of Labor, and all of you are entirely familiar with what happened during that dark period in our experience. You know that this effort caused nothing but loss in wages to the workers, heavy losses to the mills, and a lot of misery and unhappiness for all of us, and the effort to unionize our mills at that time was a complete failure.

A row has now developed in the ranks of the union labor organizers and officials and a new crowd—sometimes called the C. I. O. and sometimes referred to as the T. W. O. C.—has undertaken the job of unionizing the workers in the cotton mills here in the South. According to the newspapers, this new crowd is headed by Mr. John Lewis, the head of the Miners' Union, who has had a row with Mr. William Green, the head of the American Federation of Labor. Mr. Lewis has as his assistants and aides Sidney Hillman, Steve Nance, Michael Ostrowski, David Dubinsky, Leo Kryzci, Jacob Potofsky, and others.

It may be that this new activity in labor organizing circles has created the impression on your mind that the validation of the Wagner Act by the Supreme Court will require the Bibb Manufacturing Company to change its policy and its attitude toward the workers in its mills. This is not true.

It would probably be helpful for me to restate the policy of this company in dealing with those who are associated with it in the operation of its mills. To those of you who have long been members of the Bibb family and who have always felt free to discuss with me and other officials of the company any matter which might be on your mind, and which affected our mutual interests, it

is not necessary for me to state our policy again. It may be that many of the newer members of the family would like to have me do so, and probably if this is done it will quiet the minds of some who have been disturbed by all of this discussion.

You have a perfect right to join a union if you wish to do so. So far as the Bibb was concerned, you had that right before the Wagner Act was ever thought of. You still have it.

You also have an equal right *not* to join a union. The Wagner Act has not changed that. Its passage creates no necessity for you to join a union unless you want to do so.

Whether or not you join a union will not affect your job with the Bibb—now or ever. The Wagner Act has not changed that.

The Bibb will not interfere in any way with your right to join a union. It will do everything in its power to protect your right *not* to join a union, if you do not choose to do so. The Wagner Act has not changed that.

If any union labor organizer soliciting membership in a union, either with or without dues or initiation fees, tells you anything different from the above, show him this statement, and if he raises any question with you as to its correctness, ask him to come with you to my office or to the office of any agent or superintendent of this company and discuss the matter. I simply want you to know the truth.

The Bibb has never been unionized, but I challenge any person to point to any cotton mill that has consistently paid higher wages, worked shorter hours, provided better working conditions, provided better living conditions, or has done more for the welfare of its workers. No union caused the Bibb to pursue the policies it has practiced for many years and no union can change those policies.

The Bibb gives you its solemn pledge that it will continue to pay as high wages, provide as good working conditions, and do as much for the general welfare of its workers, union or non-union, as any other manufacturer of cotton textiles in the South, and will always keep the best interests of its workers to the front in its thinking and planning.

The Bibb has never believed that membership in a union is helpful to its workers or is helpful to the com-

\*A message from President Wm. A. Anderson addressed to employees of Bibb Mfg. Co. in a recent issue of the Bibb Recorder.



pany. It has never wanted its employees to join a union, and does not want them to do so now.

Unions are run by men who make their living running them. Union members support these men. You do not know them and they do not know you. They have never had and never will have as much interest in you and in your welfare as has the management of the Bibb Manufacturing Company.

I have heard that threats have been made in other industries that it is the intention and purpose of these labor organizers to thoroughly organize the shops, plants, and mills, and that a man or woman who fails to join the union will not be permitted to work in that mill. It may be that the cotton mill workers here in Georgia have been threatened in the same way.

I recently saw a copy of a contract made by a cotton mill in a neighboring State with the local unit of the T. W. O. C., which represented its employees. One paragraph in that contract is startling and reads as follows:

"It is also mutually agreed that all employees shall be members in good standing of the T. W. O. C. and the party of the first part (the mill) agrees as a matter of co-operation to deduct all union *dues, fines and assessments* and pay same to parties designated by T. W. O. C."

This clause in the contract makes that cotton mill a closed shop, so that no one but a member of the union can work there; and it also provides that the mill will deduct the union dues, together with all fines and assessments, from the pay envelope of the worker in that mill and will turn over the money to the designated representatives of the union.

I say to you that the only way in which such a condition as this can ever take place in the mills of the Bibb Manufacturing Company will be for you and your fellow-workers to join a union and thus authorize the union organizers to negotiate such a contract with me.

It will be a sad day in the Bibb family when it is necessary for every one of you to join a union before you can work in our mills, and have the dues, fines and assessments put on you by the union taken out of your pay check and turned over to the union officials. When this happens, they will have a power over you which no one connected with the Bibb Manufacturing Company has ever had, or ever tried to have. I do not know what voice you will have in the matter of fixing the amount of the initiation fees and union dues you will pay, or as to the amount of fines and assessments which the union officials may order us to deduct from your pay check.

Neither the Wagner Act, nor the Labor Board, nor the Labor Department of the Government, nor the Congress of the United States can possibly force you into a situation such as I have described above. Nor will they try to do so. It can only be done by your being persuaded to sign a card which some smart organizer will present to you and urge you to sign.

You can do this to yourself and to your fellow-workers. No one else can.

If you sign one of these cards, and the majority of your fellow-workers in the mill also sign these cards, you thereby sign away your rights to individual action and personal negotiation with your employer concerning your wages, hours of work, and conditions of employment.

The only way you can maintain your own rights and privileges as to hours of work, wages and conditions of

employment without influence and domination from the outside, is to refuse to sign any card of membership or any card authorizing some one else to represent you.

Still, as I have said frequently, you have a perfect right to sign such cards or take any other course of action which you see fit to take.

All I ask is that before you commit yourself to anything, by signing your name, you will stop and consider the matter and decide for yourself who is your best friend and who has your best interests at heart—the Bibb and the officials you have known and dealt with throughout the years, or these new organizers who are soliciting your membership in their particular union.

The Bibb proposes to comply with the terms of the Wagner Act and of any other legislation that may be enacted. I hope you will not allow any one to persuade you that we intend to pursue any other course of action.

Living up to that act, the Bibb will deal with its workers just as it has always dealt with them and will take pleasure in increasing the wages of its workers just as rapidly as business conditions will permit.

Whether or not you join a union, the attitude of the company toward you will not be changed.

WM. D. ANDERSON, President.

### Correction

In the May 20th issue, under the heading, "Western Franklin Process Company Sells Plants," it was announced that this company had disposed of its rayon converting equipment. As was explained in the item, Western Franklin Process will of course continue operations, but in the future will be a package dye cotton plant exclusively. This explanation is given in case the heading was misconstrued by some who may not have read the entire announcement.

### Draper Machinery Corp. Declares Extra Dividend

An extra dividend of \$1 a share and the regular quarterly of 60c on common stock were declared by the Draper Corporation, payable July 1st to stockholders of record May 29th. An extra dividend of \$2 was paid in January.

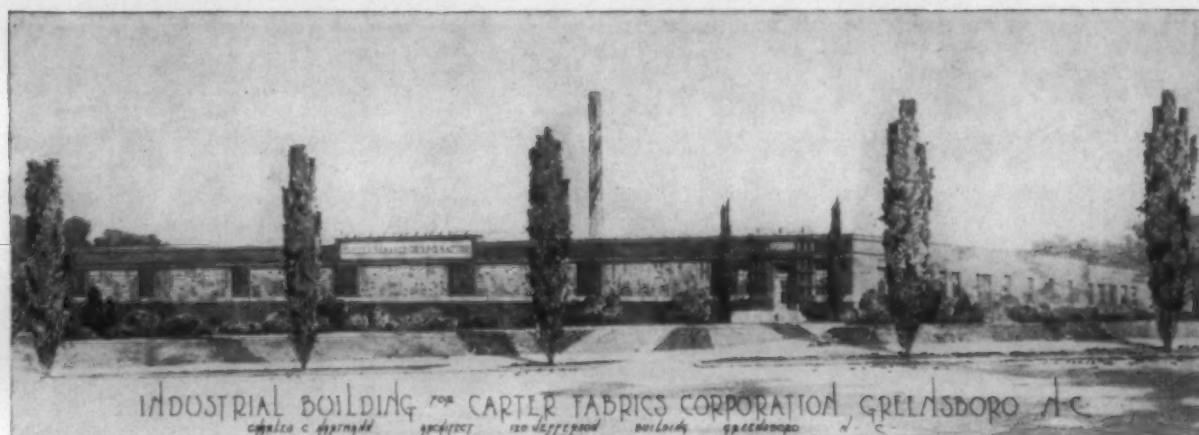
### Dyeing and Finishing Plants of N. C. Show Progress

Thirty-one dyeing and finishing plants in North Carolina processed \$21,345,472 worth of cotton, rayon and silk fabrics in 1935, ranking fifth in the nation, according to Bureau of Census figures released by the Department of Conservation and Development.

The total represented a \$9,000,000 increase over 1933. Plants have increased from 16 to 31 since 1927 and textile finishing is swinging slowly in keeping with the swing of the textile manufacture to the South.

Finishing and dyeing plants of North Carolina employed 7,357 workers for \$5,097,415 in 1935, and they added \$9,903,209 to the value of textiles they processed.





## Carter Fabrics Begins Operations in Model Plant

**T**HE Carter Fabrics Corporation, of Greensboro, N. C., which started operations last week, is regarded as one of the most modern rayon weaving mills in the South. When fully equipped, the plant will have 400 brand new Crompton & Knowles super-silk automatic flat cop shuttle changing looms in operation.

Those who have been familiar with the story of the planning of the Carter plant, which is generally described as the "last word" in rayon weaving, call it a "tailor-made" mill. By this they mean that the building was designed by Charles C. Hartmann, architect and engineer, around the blueprints for the machinery layout.

Closest co-operation is said to have been received from everyone who had anything to do with furnishing materials and equipment, with the view of striving to achieve a model plant.

W. J. Carter is president and treasurer; Harry C. Carter, formerly in charge of one of the Burlington Mill units, is vice-president and superintendent, as well as assistant to his brother; R. M. Reid, also formerly with Burlington Mills, is secretary and assistant treasurer. J. P. Stevens & Co., New York, are merchandising the production of Carter Fabrics Corporation.

### Perfection of Detail

Mr. Carter and his associates devoted considerable time to the details of what he considered a perfect setup. Based on his long experience as an official of the Burlington Mills, he had ideas of achieving a continuity of operations from the time the rayon yarn entered a mill and went through the various preparatory processes, on to the weaving, into the cloth room, and then out into the packing and shipping without any backtracking at any stage.

In this new mill one finds the crystallization of all these ideas—the goal being elimination of waste motion as far as possible, and the maximum of efficiency.

Expansion at some future date is anticipated through construction features which permit of adding to the preparatory department and to the weave room, without affecting the other sections or the sequence of the opera-

tions. Without much trouble it could be made a 600-loom mill.

### Air Conditioned

It is believed that this is the first completely air conditioned weaving mill in the country. The arrangement provides for summer cooling and dehumidifying as well as air cooling. Service in the main mill comes from the Sturtevant system, whereas the office has the Delco system.

Permitting complete control of the air-conditioning system is the fact that the mill has no windows, so that, in the nominal sense, it can be considered air-tight. Interesting enough, this is also believed to be the first textile mill to use sections of glass brick walls in its construction. Throughout there is artificial lighting in addition to artificial ventilating. Attention to the lighting is another of the features. Layout of the electrical equipment is emphasized as most complete. All of the wiring was finished before the building was ready for occupation.

### Use of Flat Cops

The Carter Mill, it is ventured, has the first complete installation in the United States of box looms designed entirely for the use of flat cops for the bobbins. On the other hand, should it be decided that the round cops are preferable, the looms are versatile enough to accommodate these.

Mr. Carter believes that the flat cop, permitting the largest yarn package for weaving, is an important element in increasing loom efficiency as well as in minimizing "seconds" and improving fabric quality. Before this particular flat cop, which was made to specifications, was finally adopted, it was the subject of study and experimentation.

Other phases emphasized are the latest type high-speed slashers, warpers, and other preparatory equipment, including the most practical in throwing equipment, for economical handling of crepe and novelty twisted yarn, are included in the setup.

(Continued on Page 29)

# Shall I Regrind My Rings?

This question has been put up to us by some of our friends. It is to be expected that a ring manufacturer would naturally answer in the negative. Obviously he wants to sell new rings. He should be prepared therefore

this expected extension of use is going to be economical—pay for itself.

To find this answer we got some reground rings from a customer. We photographed these and analyzed them.

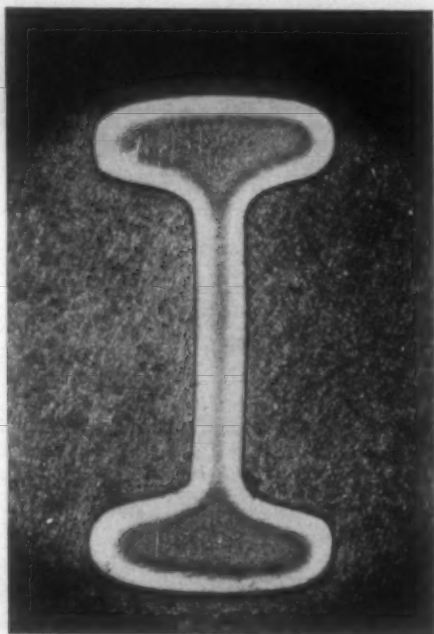


Figure 1

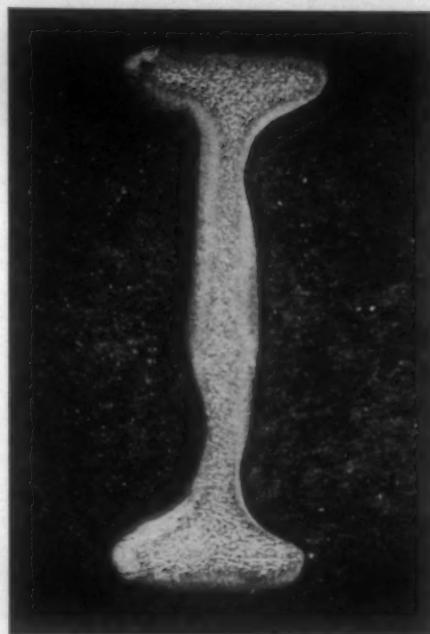


Figure 3

to give concrete reasons for his objections to reground rings.

The only excuse for refinishing rings is to obtain further service from them. The determining factor is whether

To be wear resistant at a spindle speed of 10,000 revolutions per minute, a ring must be case hardened, highly polished and glass hard. In the section of a new Whitin ring ten times enlarged, as shown in Illustration No. 1,

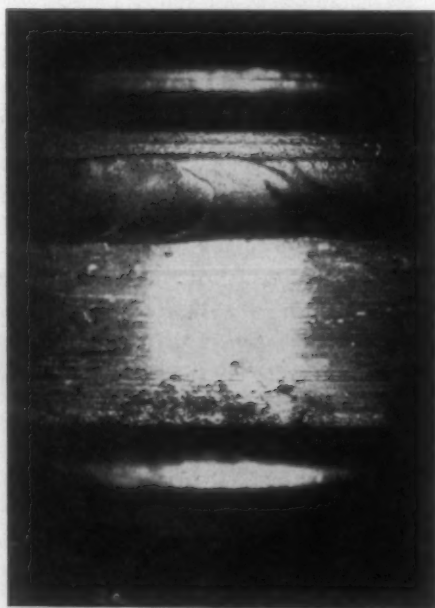


Figure 2

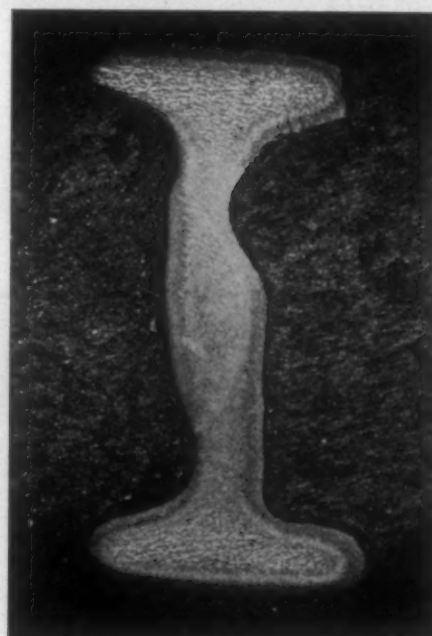


Figure 4

you can clearly determine the uniformly deep case hardening which appears as the white area outlining the entire section.

Naturally the traveler causes wear on the bearing surfaces of a ring and first attacks the microscopic ridges which are bound to be present under the best conditions. As these irregularities appear, vibration develops, followed by heating and wear. Illustration No. 2 shows a wavy, bumpy rut worn into the bearing surface of a ring, the result of wear and heat after several years of service. In this condition the ring can no longer function properly, and should be replaced.

Photographs of section of these rings, taken with a Milar 65 m/m lens on a Leitz Micrometallograph in our Laboratory indicate how regrinding makes them unfit for operation.

Illustration No. 3 is a cross-section of one of these rings showing that regrinding has entirely removed the case at the bearing surfaces, in contrast to the depth of the original case, as in Illustration No. 1. In service, such a ring will quickly develop the wavy unevenness shown in Illustration No. 2, because the soft core of the metal has been left exposed and all resistance to wear has been lost. Another ring shown in Illustration No. 4 serves as further evidence of the futility of regrinding rings in that condition.

Obviously, there can be no wearing quality in any ring the bearing surfaces of which are reduced to soft metal. The greater drag of the traveler passing over the soft areas will cause variations in tension. The fluttering action of the traveler will be reflected in the quality of the yarn.

If a mill is seriously considering regrinding or replacing rings we will be glad to give our unbiased opinion whether we think the work should be attempted. In general, however, our tests indicate that regrinding, based on the expectation of added service in ring hours per dollar, is not as economical as the purchase of new rings.

—*The Whitin Review*

### Large Spinning Mill Planned in Shanghai

Shanghai, China.—A decision has been reached by the National Economic Council to build a 10 million dollar cotton spinning mill in Shanghai with joint investment by the China Development Corporation and the China Economic Reconstruction Society, according to a press report here.

Although the details of the plan are not yet known, it is reported that the projected plant will be fitted with the latest spinning machines, to be imported from England, to produce textiles of high quality. This is considered as an important step toward realization of the projected economic co-operation between China and Britain.

Inasmuch as the British-made machinery is expensive as compared with that made in Japan, it is believed, the prospective importation of the machinery is made possible under long term credit, obtained through William Kirkpatrick, resident representatives of the British export credits guarantee department in China.

Financial circles say this will make an active advance of British capital on China markets.



**3** refers to three manufacturing plants in Fall River, Worcester and Philadelphia. These plants, in widely separated localities, assure an uninterrupted supply of Ashworth products.

**6** refers to six Ashworth repair shops in Fall River, Philadelphia, Charlotte, Greenville, Atlanta and Dallas. Each plant has adequate machinery, personnel and experience to render efficient service in the re-clothing of top flats and the rewiring of lickerins. Furthermore the convenient location of these shops makes for prompt deliveries.

**7** refers to seven Ashworth distributing points at Fall River, Worcester, Philadelphia, Charlotte, Greenville, Atlanta and Dallas. We carry adequate stocks of standard constructions in all these cities so that Ashworth Products are readily available to the whole textile industry.

Ashworth Products, made by pioneers in the card clothing industry, are also efficient in performance.

### ASHWORTH BROS., INC.

Woolen Div.: AMERICAN CARD CLOTHING CO.

Fall River, Worcester, Philadelphia, Charlotte, Atlanta, Greenville

Southwestern Representative:  
Textile Supply Co., Dallas, Texas

PRODUCTS AND SERVICES: Card Clothing for Cotton, Wool, Worsted, Silk and Asbestos Cards and for all Types of Napping Machinery . . . Brusher Clothing and Card Clothing for Special Purposes . . . Lickerin Wire and Garnet Wire . . . Sole Distributors for Platt's Metallic Wire . . . Lickerins Rewired and Top Flats Reclothed.

*Ashworth*  
PIONEERS IN  
CARD CLOTHING



# Master Mechanics' School

A three-day school for master mechanics, including those who aspire to be master mechanics in the future, will be sponsored by the TEXTILE BULLETIN and will be held at Charlotte, N. C., on June 8th, 9th and 10th, 1937.

The object of the school is to make technical information available to many young men who are now working in the machine shops or repair departments of Southern cotton mills or knitting mills.

A tuition charge of \$3.00 will be made for the three days' instruction and for those who can only attend one day the charge will be \$1.25. While the Master Mechanics' School is intended primarily for young men, there will be no objection to enrollment of the older master mechanics or of superintendents of mills and most of them will find that their attendance will be justified.

The program, subject to some changes in courses of instruction, will be as follows:

## Program of School for Master Mechanics

(Under auspices of The TEXTILE BULLETIN, Charlotte, N. C.)

June 8th, 9th and 10th, 1937

(Rooms of Chamber of Commerce, Charlotte, N. C.)

Tuition for 3 days \$3.00. For a single day \$1.25.

### Tuesday, June 8th

9:30 A. M.—Instruction under the direction of E. A. Terrell, of Terrell Machine Company, Charlotte, N. C.

Subjects:

- (1) Instruction in computing circumference of circles and area of circles, rectangles and triangles.
- (2) Instruction in more advanced calculations such as speeds of shafts, length of belts, etc.
- (3) Instruction in design and calculations of gearing.
- (4) Explanation of machine tools, tool steel and processes.

12:30 P. M.—Adjourn.

1:00 P. M.—Attend Rotary Club luncheon (lunch 60c) and hear address upon "Air Conditioning in Textile Mills."

2:30 P. M.—Instruction under the direction of Sam B. Earle, professor of Mechanical Engineering at Clemson College.

Subjects:

- (1) Types and construction of steam boilers.
- (2) Types and construction of steam engines.
- (3) Types and construction of steam turbines.

4:30 P. M.—Adjourn.

Extra and Optional:

7:00 to 9:30 P. M.—Mechanical Drawing instruction under direction of Prof. O. P. Littell, of Tech High School, Charlotte, N. C. (Facilities for furnishing drawing instruments will be limited. Those who can borrow drawing instruments should bring them.)

- (1) Instruction in handling of drawing instruments.
- (2) Practice in making line drawings.

### Wednesday, June 9th

9:30 A. M.—Instruction under the direction of L. L. Vaughan, Professor of Mechanical Engineering, N. C. State College, Raleigh, N. C.

Subjects:

- (1) Discussion of types of coal.
- (2) Explanation of ultimate and proximate analysis of coal.
- (3) Relations between heating value of coal and steam generation.
- (4) Methods of hand firing for best results.
- (5) Discussion of stokers.

12:30 P. M.—Adjourn.

1:00 P. M.—Junior Chamber of Commerce Luncheon. (Price 60c.) Address on "Mill Lighting" by Roy Palmer, of Duke Power Company.

2:30 P. M.—Instruction under the direction of L. L. Vaughan, Professor of Mechanical Engineering, N. C. State College, Raleigh, N. C.

Subjects:

- (1) The discussion of flue gas and its analysis.
- (2) Relation of flue gas analysis to heat waste.
- (3) Steam losses through radiation and leaks.
- (4) The use of exhaust steam for heating.
- (5) Discussion of steam recording instruments and their value.

4:30 P. M.—Adjourn.

Extra and Optional:

7:00 to 9:30 P. M.—Mechanical Drawing instruction under direction of Prof. O. P. Littell, of Tech High School, Charlotte, N. C. (Facilities for furnishing drawing instruments will be limited. Those who can borrow drawing instruments should bring them.)

- (1) Practice in making drawings and tracings.
- (2) Instruction in reading blueprints.

### Thursday, June 10th

9:30 A. M.—Under direction of Marshall Lake, of Duke Power Company.

Subjects:

- (1) "Textile Mill Wiring," by H. C. Swannell, J. E. Sirrine & Co., Greenville, S. C.

- (2) "Maintenance of Motors and Control," by B. L. Cathey, Westinghouse Electric & Mfg. Co., Charlotte, N. C.
- (3) "Maintenance of Mill Transformers," by H. B. Wolf, Duke Power Co., Charlotte, N.C.
- (4) "Recording Electric Meters," by A. C. Morrison, Duke Power Company, Charlotte, N. C.

12:30 P. M.—Adjourn.

1:00 P. M.—Address at Kiwanis Club lunch by J. E. Sirrine, of Greenville, S. C., upon "The Value of Technical Education." (Price of lunch 60c.)

2:30 P. M.—Under direction of Marshall Lake, of Duke Power Company.

Subjects:

- (1) "Motors and Control, including the Magic Eye, with Special Applications in the Textile Industry," by R. H. Jackson, General Electric Co., Atlanta, Ga. This talk will include motion pictures.
- (2) A discussion by the students of the subjects presented during the sessions of the Master Mechanics' School.

4:25 P. M.—Presentation of graduation certificates to those who have attended all sessions. (Attendance at night sessions on instruction in mechanical drawing or at luncheon addresses will not be required for graduation certificate.)

4:30—Final adjournment.

Rooms—The Selwyn Hotel of Charlotte will make a rate of \$1.00 per night for rooms without bath or \$1.25 per night for room with bath. Four persons will be placed in a large room. This arrangement has been made for American Legion and other conventions and found satisfactory.

May \_\_\_\_\_, 1937

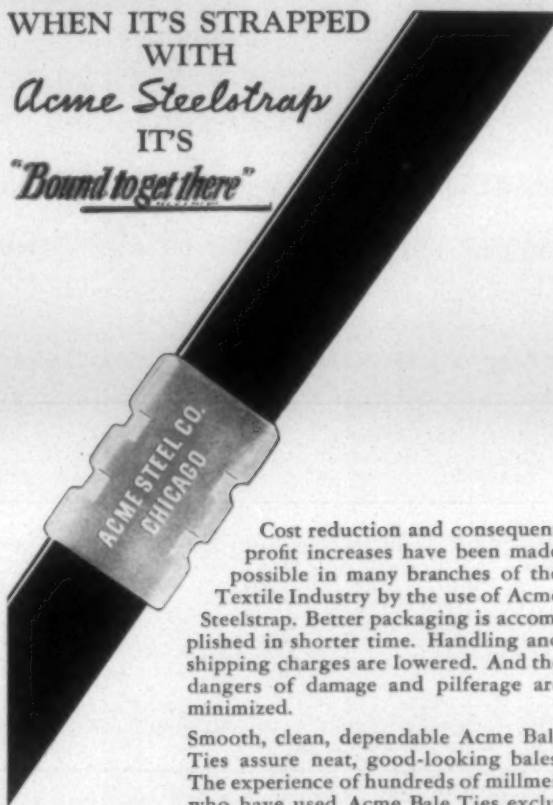
Textile Bulletin,

Those named below expect to attend the Master Mechanics' School in Charlotte on June 8th, 9th and 10th, 1937.

Name _____	
Mill _____	Town _____
Name _____	
Mill _____	Town _____

Will they desire the instruction in mechanical drawing, Tuesday evening and Wednesday evening? \_\_\_\_\_

WHEN IT'S STRAPPED  
WITH  
*Acme Steelstrap*  
IT'S  
*"Bound together"*



Cost reduction and consequent profit increases have been made possible in many branches of the Textile Industry by the use of Acme Steelstrap. Better packaging is accomplished in shorter time. Handling and shipping charges are lowered. And the dangers of damage and pilferage are minimized.

Smooth, clean, dependable Acme Bale Ties assure neat, good-looking bales. The experience of hundreds of millmen who have used Acme Bale Ties exclusively for years proves their exceptional value.

Let us send you a copy of "My Second Strap-Book." It contains valuable information which may enable you to make additional savings in your handling and shipping costs. There is no obligation—just mail the coupon today.

**ACME STEEL COMPANY**

Atlanta, Ga., 603 Stewart Ave., S. W.  
New York, N. Y., 103 Park Ave.  
Chicago, 2840 Archer Ave.  
Boston, Mass.  
Chattanooga, Tenn.

Charlotte, N. C.  
Greenville, S. C.

ACME STEEL COMPANY, 2840 Archer Ave., Chicago, Ill.  
☐ Please send me a copy of "My Second Strap-Book."  
☐ Without any obligation, please have Doc. Steelstrap diagnose our case.

Name \_\_\_\_\_  
 Position \_\_\_\_\_  
 Firm \_\_\_\_\_  
 Address \_\_\_\_\_





THE OCEAN FOREST HOTEL

## Record Crowd for Southern Textile Association Convention

**E**VERY indication points toward an all-time high in attendance at the twenty-ninth annual convention of the Southern Textile Association at Myrtle Beach, S. C., June 11th and 12th.

More than 250 members and guests of the Association had made reservations by the middle of May, three weeks before the meeting, and requests for reservations are still coming in. It is believed that this is the largest number of reservations ever booked so far in advance, which indicates that this is to be one of the best attended conventions ever held by the Association.

According to the manager, all rooms except parlor suites are reserved at the Ocean Forest Hotel, headquarters for the convention, but there are a number of hotels in Myrtle Beach, and they will be able to handle as many as wish to attend the convention. Among the many hotels and cottages are: The Carolina, Sea Side Inn, Driftwood, Gregory Manor, Kentucky Inn, Myrtle Lodge, Ocean Beach, Patricia Manor, The Breakers, The Florentine, The Poindexter, etc. With the exception of the Ocean Forest Hotel, the Carolina will probably be able to handle more guests than any other place. It is a clean, well operated hotel with excellent food. All of these hotels are operated on the American plan.

### Associate Members' Banquet

The annual banquet of the Associate Members' Division will be held on the evening of Thursday, June 10th. Edwin Howard, of Greenville, chairman of the Division, will be toastmaster. George Snow, of Atlanta, is vice-

chairman, and Junius Smith, of Charlotte, is secretary. The dinner program will be devoted largely to entertainment, with a professional floor show composed of 18 persons as the feature attraction.

Honor guests at the banquet will include the officers and members of the Board of Governors of the Southern Textile Association.

Associate members may bring any number of mill men as personal guests.

### Opening Session

The convention will be formally opened on Friday, June 12th, at 10 a. m., with President Still presiding. After the members and guests are welcomed by Edwin M. Holt, of Cooleemee, N. C., vice-president of the Association, Fred L. Still, Greer, S. C., will deliver the annual address of the president.

Following Mr. Still's address, T. M. Marchant, president of Victor-Monaghan Company, Greenville, S. C., will address the convention. Mr. Marchant is recognized as one of the leaders of the textile industry in the South.

Walt S. Goodwin, lecturer, who comes highly recommended by a number of members of the Association, will also appear on the morning program.

### Golf Tournament

Friday afternoon will be devoted to a golf tournament at the Ocean Forest Country Club. The winners of the golf tournament will be presented with handsome prizes—

*(Continued on Page 29)*





# Problem PAGE

Devoted to Practical Questions and Answers Submitted by Our Readers

## Wants Advice On Thin Places

Editor:

We are making quite a lot of 28-pick bag cloth, and we have no filling feelers, but change from the filling fork.

It seems to be next to impossible to weave this cloth without making thin places.

If anyone knows a way to stop those thin places without using filling feelers I will be delighted to hear from them.

"THIN PLACE."

## What Solution To Right Angle Drive?

Editor:

We have an old shafting which has not been in operation for many years, and we now find it necessary to start this shaft. It must pull  $4\frac{1}{2}$  horsepower.

As this old shaft is at right angles to the driving shaft I would like to know what is the best way to connect the drive?

Would bevel gears on the end of each shaft be better than a belt, and if a belt is the best, how can I determine where to place the guide pulleys?

Direction of rotation immaterial.

"ELBOW DRIVE."

## Wants Reed for Dobby Weave

Editor:

We are to put on our looms fifty dobby heads just as soon as they arrive, and I now have on hand several samples of cloth that we are to duplicate. In this lot of samples is one that I am in doubts as to what dent reed to use.

I can find the number of the warp and the filling, the yards per pound, and think I know how to draw it in the harness, but I need help on the reed to use.

I have measured the spaces and counted the ends in the pattern and find them as follows:

Starting next to the selvage, which is a tape, there is  $\frac{3}{16}$ " plain weave containing 8 ends; then comes  $\frac{1}{8}$ " space, also plain weave, which has 10 ends; then  $\frac{1}{8}$ " space three harness twill weave with 15 ends; next to this is another  $\frac{1}{8}$ " plain weave with 10 ends; then  $\frac{3}{16}$ " plain weave with 8 ends; and last there is two ends very close together—the space of this I cannot measure. This completes the pattern.

I will appreciate a solution to this problem.

"NEW DOBBY."

## What Variation in 28s Yarn?

Editor:

Will someone please inform me as to how much variation there should be in 28s cotton yarn? In other words, what is the lightest it should run, and the heaviest?

EDWARD C. GRAVES.

(Due to the fact that there were no questions asked last week, the Problem Page this week is composed entirely of questions. In order that there may be room to answer these questions in next week's issue, only a few are presented.—Editor.)

## British Manufacturers Unify Testing Methods

Manchester, Eng.—Britain's Textile Institute has made an important move towards the unification of testing methods in the textile trades, by an agreement with the British Standards Institution, which is the national standardizing organization.

While the agreement in the first place means establishing standard testing methods in Britain, when the necessity arises co-operation will be maintained with the American Society for Testing Materials and the National Bureau of Standards. Under the new agreement the Textile Institute is recognized as "the appropriate organization to obtain industrial and scientific co-operation in the unification of test methods." These methods will be published in the Institute's official "journal" and will later be issued by the British Standards Institution as British Standards.

A year ago the Textile Institute issued a memorandum on testing methods in which it expressed the opinion that it was undesirable to attempt to establish standardization of specifications, terms and definitions for textile materials until methods of testing were unified. This was significant in view of the formation of the Retail Trading Standards Association in 1935. This association laid down standards of retail practice and definitions for its members.

In some quarters it is felt that in the future there may be some clash between the functions of this association and those of the Textile Institute because one of the objects in the Institute's Royal Charter is "To constitute an authority for the determination and recognition of technical and trade standards, usages, terms, definitions and the like for the textile industry."

# Atlas of Textile Constructions

Wm. H. Harriss, textile specialist for the Sanforizing Division of Cluett, Peabody & Co., is preparing what he calls a Reference Library Atlas of Sanforized Fabrics.

His work involves a detailed study of constructions of various fabrics to determine what should be the details of the gray cloth required to sanforize to a standard specified description.

From the reproduction of the reference card, shown on Page 13, one can get a clear idea of the course that Mr. Harriss has been pursuing. Together with a swatch of the original fabric, the detail includes: Warp twist, filling twist, warp crimp, filling crimp; actual count as well as breaking strength is given. Swatch "B" shows the potential wash shrinkage before converting or processing. Together with this are the figures indicating the "construction shift."

Swatch "C" gives the results that follow commercial finish or gray goods, mercerized. Finally, with Swatch "D" there is the construction reshift after sanforizing.

For years the garment manufacturers or cutting trade on the cheap and low class of fabrics have their patterns made for 35-36-inch width fabrics (the exception being denims, etc., which are usually around 28½ inches).

On the other hand, the better class of dress goods the cutters' patterns are usually arranged for 39-40-inch width material. Now since sanforizing has come in, many of the former commercial 36-inch fabrics sanforized down under 35 inches and many of the former commercial 39-40-inch fabrics sanforized down under 39 inches, so it is necessary to reconstruct these goods making the grey goods wider by spreading the warp in the reed and also as a rule taking out a few picks so when the goods are sanforized they will about equal in construction what was formerly used.

In the case of Chart No. 40, covering an ordinary cotton covert, it will be noticed from that that the goods have been put on the market 36½ inches, but having been pulled down from 37¾ inches, when sanforized it does not shrink but 1½ inches more in the width, leaving the sanforized fabric at 35 inches, which will barely get by on the cutter's table. Even in this case, it would be better if the manufacturer would spread his goods on the loom to about 38½ inches so as to give a sanforized fabric of about 36 inches—he could also take out about four picks because when the fabric is sanforized it shrinks so much in length it will wind up with about the same number of picks as he has now.

It was to solve all these many problems that we decided to get out this Reference Library Atlas of Sanforized Shrunk Fabrics and in time we hope to cover practically every cotton and line fabric that it is possible to sanforize and this more or less may revolutionize the construction of goods in the future.

Some years may be required before this reference library is completed, but eventually it is hoped to make copies of this Atlas of Master Charts available to all who

are interested. Converters will need merely to consult these charts to know how to specify gray goods construction to be able to order the sanforized materials they are planning to offer. To give an idea, if one would produce a 40-inch, 88x80, 8.50 combed lawn for sanforizing, the gray construction should be reconstructed to 44", 80x76, so that when finished and sanforized, it becomes about 39½", 89x79. To start with the standard construction might produce a material that would be too "cloth" and too narrow.

Information about this shifting and reshifting, involved in the processes that go to and include sanforizing, are eventually to find their way not only to mills and converters, but also to textile schools, home economics departments, colleges, etc. Some merchants look forward to a time, possibly not much more than several years distant, when the data being collected by Mr. Harriss will be the basis of a new or additional group of standard grade goods constructions.

## Byrd Miller Opens Supply Business

Byrd Miller, who has been manager of the Clinton Company in the Greenville territory for the past four years, has resigned to open a Textile and Bleachery Supply business of his own at 908 Woodside Building, Greenville, S. C.

Mr. Miller has been appointed sole agent by Roger W. Cutler of Boston and Greenville for Cutler patented spinning and twisting tape, and will also represent Piel Bros. Starch Co., James A. Starck, manufacturer of bleachery and print works supplies, and Ton-Tex Corporation, manufacturer of belting and loom accessories.

## Manufacture of Hygrolit Machines Transferred To Another Company

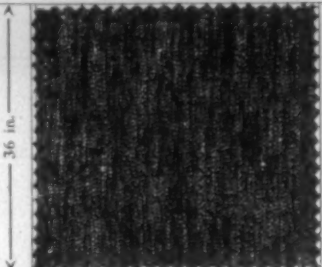
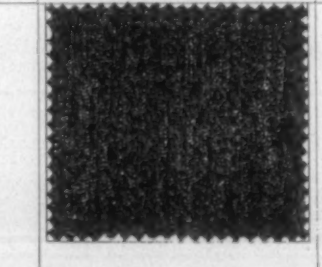
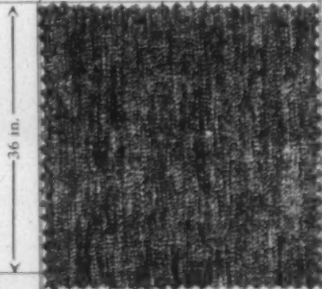
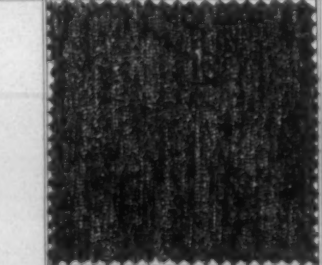
C. F. Dulkan, president, announces that Hygrolit, Inc., has transferred the manufacture and marketing of Hygrolit machines to American Textile Engineering, Inc., who also take over the technical staff and manufacturing force of the Hygrolit machine division.

This move was necessary, according to Mr. Dulkan, in view of the increasing demand for Hygrolit conditioning chemicals and other Hygrolit chemical products, and will allow Hygrolit, Inc., to devote all their time and efforts to the production of Hygrolit chemical products.

## Tennessee Law Outlaws Sit-Down

Knoxville, Tenn.—Governor Browning has signed a bill passed by the Legislature to outlaw sit-down strikes in Tennessee.



REFERENCE LIBRARY		
<i>Sanforized-Shrunk</i> <small>40 WORTH STREET NEW YORK CITY</small>		
Covert		
Swatch "A" —→ Cloth as first produced at the loom. (Fabric in the raw state) Warp Twist 4.15 Times Square Root Filling " 3.08 " " " Warp Crimp 0.42 per cent Filling " 10.42 " "		<b>Construction</b> 37 3/8" 51×39 3.36 yds. per lb. 4.76 . . . oz. per lineal yard 4.58 . . . " " square " Mock twist . . yarn in warp Single . . . " filling Warp Strength 60 lbs. per in. Elongation .35 in. Filling " 34 " " .25"
Raw Cloth		
Swatch "B" —→ Showing potential wash shrinkage of "A" before converting or processing. Shrinkage in width 30.0 in. per Yd. " in length 4.50 " " "		<b>Construction Shift</b> 34" 56×45 3.22 yds. per lb. 4.97 . . . oz. per lineal yard 5.25 . . . " " square " 14.63 % net weight gain after 6.90 % waxes and sizing loss. Warp Strength 49 lbs. per in. Elongation .67 in. Filling " 38 " " .49"
Raw Cloth fully shrunk		
Swatch "C" —→ Showing ordinary unbal- anced commercial finish of swatch "A" Shrinkage in width .84 in. per Yd. Gain in length 4.00 " " " as compared with swatch "A"		<b>Construction Shift</b> 36 1/2" 52×35 3.61 yds. per lb. 4.43 . . . oz. per lineal yard 4.38 . . . " " square " 43.6 percent weight loss in bleaching, finishing, etc., from grey "A" Warp Strength 66 lbs. per in. Elongation .24 in. Filling " 29 " " .30 " Filled Finish 11.70 % Sizing
The ordinary commercial finish		
Swatch "D" —→ SANFORIZED-SHRUNK Shrinkage in width 30 in. per Yd. Shrinkage in length 5.00 " " " from swatch "C" <small>NOTE: The underlying intrinsic value of any textile fabric is its weight of undulterated threads per square yard. The swatch "D" shows that the weight has been re-established comparable to the grey goods; thus in addition to non-shrinking and superior "hand" the wearing qualities for the consumer have been greatly enhanced by Sanforized-Shrunk.</small>		<b>Construction Re-Shift</b> 35" 54×40 3.57 yds. per lb. 4.48 . . . oz. per lineal yard 4.62 . . . " " square " Warp Strength 47 lbs. per in. Elongation .48 in. Filling " 26 " " .31 " Warp Crimp 22.90 per cent Pilling " 15.60 " Pure Finish No Sizing
SANFORIZED-SHRUNK finish		
Chart No. 40 <span style="float: right;">Scale 5/8" = 1 ft.</span>		
<small>U. S. Standard Textile Test Methods CCC T-191 used throughout. Results shown above are averages.</small>		



# Personal News

T. J. Gribble is now superintendent of the Rodman-Heath Cotton Mills, Waxhaw, N. C.

G. A. Johnson, formerly at the Sycamore, Ala., plant of Avondale Mills, has been promoted to superintendent of the Mary Ann plant of Avondale Mills, Stevenson, Ala.

Sherman Anders has become superintendent of the spinning division of the J. W. Sanders Cotton Mill No. 3 unit at Meridian, Miss.

H. H. Spray has arrived in Birmingham, Ala., from Jefferson, Ga., and has entered upon new duties of overseer of the carding and spinning divisions of the local unit of the Selma Manufacturing Company.

Earle Carter has accepted a position as general overseer of carding and spinning at the Ora Mill Company, Shelby, N. C. He was formerly with the Gayle plant of the Springs Mills, Chester, S. C., in a similar position.

R. A. Haynie, formerly superintendent of the Superior Yarn Mill at East Monbo, N. C., has been promoted and transferred to the superintendency of the Superior Yarn Mill of Mount Holly, N. C. Mr. Haynie has been associated with the Superior Yarn Mills for the past 27 years.

As announced in last week's issue, Herbert Booth has been appointed representative for Bancroft Belting Company in the States of Tennessee, Alabama and Mississippi, and part of Georgia. Ernest Culbreath, whose headquarters are in Charlotte, will continue to represent the company in North and South Carolina and a section of Georgia.

## CLINTON STARCHES

FOR ALL TEXTILE PURPOSES

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### Clinton Company

CLINTON, IOWA

QUALITY
SERVICE

## HOUGHTON STANDARD TOPS

for Rayon and Wool Blends

HOUGHTON WOOL COMPANY

235 Summer St. Boston

Write or Phone Our Southern Representative

JAMES E. TAYLOR, Phone 3-3692, Charlotte, N. C.

Samuel Rhode, Jr., has resigned a position with the United States Chamber of Commerce to become manager of the Rodman-Heath Cotton Mills at Waxhaw, N. C.

Harry B. Iler, Greenville, S. C., who has represented L. R. Wattles & Co. of Canton Junction, Mass., for the past 14 years in the Southeast, has resigned to accept a position with Hart Products Corporation of New York. Mr. Iler will cover the textile trade in North Carolina and South Carolina for the latter concern, after June 1st.

H. Grattan was recently transferred from Baltimore to Charlotte, and will continue to represent the Holophane Company in the Virginia-Carolina territory, specializing in textile mill lighting. Mr. Grattan is well equipped to handle problems pertaining to lighting in textile mills, as he has had 14 years' experience with industrial and textile lighting for the Holophane Company.

In making the announcement of this change, R. M. Johannesen, manager, explained that the Carolinas were formerly traveled out of Baltimore, but the territory was revised and an experienced man placed in this location, because the Holophane Company is convinced that the Virginia-Carolina territory is one of the most progressive and important in the entire nation, and has a wonderful future for industrial expansion.

## "Ted" Hollister is Now Distributor for Merrow Machine Company

E. W. (Ted) Hollister, who has been direct factory representative for the Merrow Machine Company of Hartford, Conn., for the past 12 years, has been appointed distributor for this company and has established headquarters in Spartanburg, S. C. The business there will be conducted under his own name.



"Ted" Hollister

Mr. Hollister states it is his intention to stock a large and complete line of Merrow machine parts and supplies in that city to insure prompt service to users of the machines in this territory.

In addition to the Merrow line, Mr. Hollister will also represent the Dinsmore Manufacturing Company, of Salem, Mass., well known manufacturers of chain stitch cloth-room and mill sewing machines, cloth inspecting machines and the Rayer and Lincoln rotary sewing machines.

For the past nine years, Mr. Hollister has traveled the Carolinas for Merrow Machine Company and is widely known among the cotton and knit goods manufacturers of the two States. Prior to moving to Spartanburg, his headquarters were in Charlotte.

### New Laboratory for American Cyanamid & Chemical Corp.

The American Cyanamid & Chemical Corp., whose head office is at 30 Rockefeller Plaza, New York City, is completing a new laboratory at its Charlotte plant, which will greatly increase its facilities for research and technical work in connection with the textile finishing materials made at this plant.

Henry H. Latham, who majored in chemistry, and graduated from North Carolina State College in 1936, has recently joined the laboratory staff of Cyanamid's local plant organization.

## OBITUARY

### THOMAS J. LAYTON

Woodruff, S. C.—Thomas J. Layton, 82, of the Brandon community, near Woodruff, died at the home of his daughter, Mrs. Ward Lanford, after a long period of declining health.

Mr. Layton was a native of the Cross Anchor section but had been making his home in Woodruff for the past 38 years where he was head of the slasher department of the Woodruff Cotton Mills, which was merged with the Brandon Corporation. For 35 years Mr. Layton was among the first employees of the mill and was the only operative at the mill who had been with the plant continuously since its organization.

### JOHN M. CAVENESS

Asheboro, N. C.—John M. Caveness, 73, prominent textile manufacturer of Randolph County, died May 31st in Randolph Hospital after a stroke of paralysis.

Mr. Caveness, who operated a textile mill at Coleridge, N. C., had been a resident of Asheboro since 1914.

### FRANK H. WILLARD

Worcester, Mass.—Frank H. Willard, 71, president of Graton & Knight Co., died suddenly May 25th in Hahnemann Hospital of a heart attack. He had been in ill health for more than a year.

He was an outstanding figure in the nation's leather tanning and manufacturing business.

He was first employed by the Graton & Knight Co. on January 26, 1883, as an errand boy at the age of 17. Later he became superintendent of the belt shop and in 1901 was elected general superintendent. Twelve years later he became assistant general manager and in 1917 he was elected vice-president and general manager. He was elected president of the company in 1926 and has since held that position.

He has served as president of Power Transmission Association, American Leather Belting Association, Manufacturers Research Association and Associated Industries of Massachusetts.

He leaves his wife, Mrs. Florence P. Willard, two sons, Leslie and Roger, and a daughter, Nancy.

## THE HIGHEST QUALITY PAINT THE LOWEST FINISHED COST!



IT'S never economy to use cheap paint in a plant. For it just hasn't got what it takes to do a high-standard, low-cost job. Ordinary white paint works slowly . . . hinders the painter . . . covers less surface . . . doesn't hide well . . . "yellows" quickly and it means more paint per job, with more frequent repainting.

Barreled Sunlight is the paint for you . . . the standard white. Check each of its 5 vital qualities . . . you won't find all 5 in any other white paint. That's why Barreled Sunlight is a standard specification in industrial plants all over. It goes on faster, stretches farther per gallon, remains white longer, and gives your walls a clean, smooth, good-looking surface that's as durable as rawhide. And it costs less per finished job. U. S. Gutta Percha Paint Company, 5-F Dudley Street, Providence, R. I.

## BARRELED SUNLIGHT



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## STERLING RING TRAVELER CO. FALL RIVER, MASS.



# WHAT'S NEW

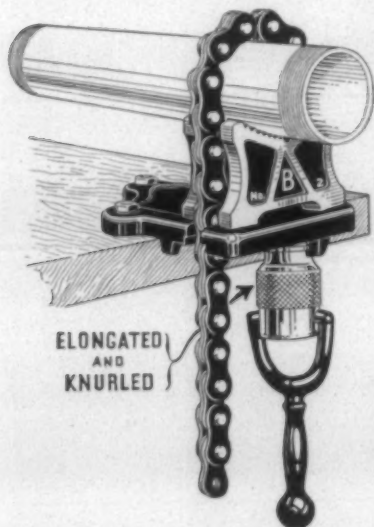
## In Textile Mill Equipment and Processes

### Chain Pipe Vise By Billings

A new construction feature—the heavily knurled and elongated adjustment nut.

This new feature provides a gripping surface for more rapidly taking up the slack in the chain. A partial turn of the handle is said to be sufficient to clamp the pipe, so that interference between the handle and the bench is avoided.

This improved chain pipe vise with the Billings knurled adjustment nut is made entirely of steel. The base,



handle and jaws are drop forged, the latter for special analysis tempered steel, scientifically heat treated, according to the maker. The chains are heavily constructed for rugged work.

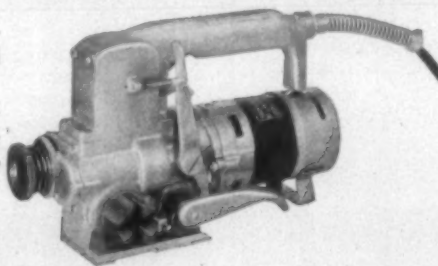
The vise is light in weight yet the drop forged construction insures maximum strength. Made in four sizes with capacities from  $\frac{1}{8}$ " to 8" pipe.

### New Signode Electric Strapping Tool

The new Signode electric strapping tool tensions strapping around large and heavy packages and bulk shipments of material where speed and the least effort in applying the maximum tension are needed.

This tool, which is manufactured by the Signode Steel Strapping Com-

pany, 2600 North Western Avenue, Chicago, Ill., is powered with an AC-DC reversible electric motor. This feature makes it easy to back the tool off the strap. An adjustable control provides the required tension on the strap automatically, eliminates guess-work and assures uniform ten-



sion, according to the manufacturers.

This new electric tool is said to operate with either hand, and has finger-tip control. The full-length base with rounded front edge enables the tool to ride smoothly over cross-strapping or any other uneven surface of the container being strapped.

The Signode electric stretcher is recommended by the manufacturers particularly for shipping room where large, heavy containers predominate and where speed of operation in production is required.

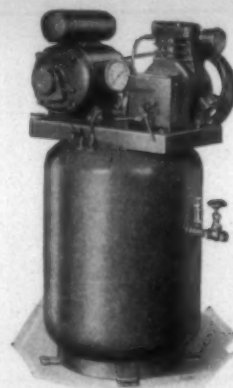
### Fractional H.P. Air Compressors

Ingersoll-Rand Company has announced a new line of fractional horsepower air compressors. These units are made in  $\frac{1}{4}$  and  $\frac{1}{2}$  horsepower sizes and are very compact and neat in appearance. They have automatic start and stop control, are equipped with a new style seamless steel tank, and an improved check valve, according to the manufacturer.

When furnished for single phase current they are said to be equipped with a brushless capacitor type motor and a built-in automatic protection switch giving overload and under voltage protection. They are rated for 150 pounds per sq. in. maximum pressure, but may be set for lower pressures, or may be equipped with a reducing valve for still lower pressures.

The  $\frac{1}{4}$  and  $\frac{1}{2}$  horsepower units are available on a 2.4 cu. ft. tank,

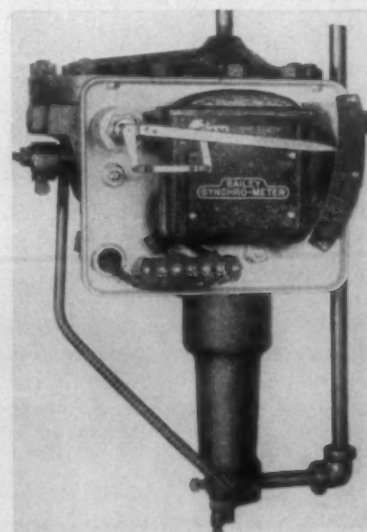
which is illustrated. This unit is less than 35 inches high. The  $\frac{1}{2}$  horsepower size is also available on a 4.6 cu. ft. tank in either vertical or horizontal mounting. The units are finished in an opalescent brown.



### New Electrically -Operated Flow Meter

A new electrically-operated flow meter known as the Synchro-Meter has been developed by Bailey Meter Company, Cleveland, Ohio.

Basically, the Synchro-Meter consists of a transmitting unit, which is operated by a Ledoux bell flow-measuring mechanism of the type used in standard Bailey mechanically-operat-



ed fluid meters, and a receiver, consisting of the indicating, recording and integrating instruments. The transmitter is located at the point of



measurement of the variable and the receiver is located at a place or places convenient for obtaining readings from the instruments as frequently as desired.

The transmitter places only a negligible retarding force on the measuring device, and the torque developed to operate the receiving element is said to be very large and does not send any reaction back to the transmitter. No adjustments of the Synchro-Meter are necessary at the transmitting end. It may, therefore, be located in a relatively inaccessible place. Several receivers may be operated from one transmitter.

The photograph shows the Bailey Synchro-Meter Transmitter, Ledoux Bell-operated, with cover removed to show Synchro-Meter unit and indicating pointer.

### SKF Bulletin

"SKF in the Cotton Mills," a 24-page bulletin containing approximately 100 illustrations, has just been issued by SKF Industries, Inc., Philadelphia.

It is said to describe the application of SKF Ball and Roller Bearings to practically every machine in the cotton mill, emphasizing the SKF Roller Bearing Spindle, SKF Tension Pulley, and the application of SKF Bearings on spinning and twisting frames.

### Parks Turbo-matic Humidifier

A new self-cleaning atomizer type humidifier, called the Parks Turbo-matic, has been announced by the Parks-Cramer Company, Fitchburg, Mass., and Charlotte, N. C.

The manufacturer states:

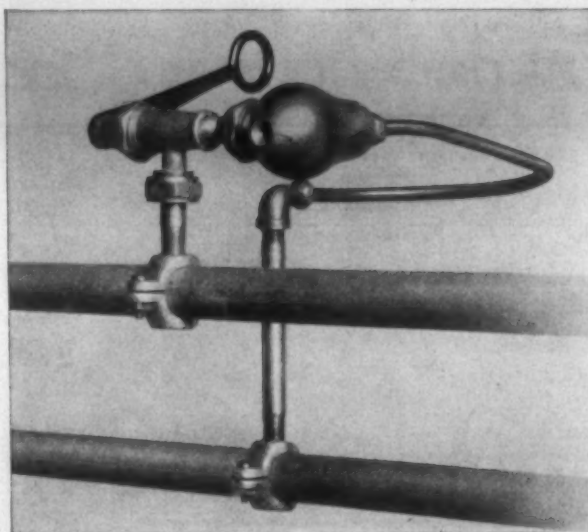
A casual glance at the illustrations will show the extreme simplicity of this improved Parks Turbo-matic humidifier. The travel of the two movable members is accomplished by a single "Turbo-pyro" diaphragm. This construction is a definite contribution to more dependable spray action. Copper "selvaged" at its edges, the large diaphragm area insures free and instant actuation. "Turbo-pyro" is a new non-cracking, oil-proof composition that does away with usual diaphragm troubles.

The head is so designed that the water nozzle is self-centering, so that after thousands of actuations the orifices are concentric and will deliver a spray, normal both in quantity and character. Either in operation or inoperative, no leakage of compressed

air into the water lines can occur. In fact, continuous or intermittent leakage of air is entirely done away with. Action is positive and automatic; so positive, so instantaneous and so automatic, no dripping occurs. When the air is shut off—and the pressure consequently drops to a point that

atomization ceases—the head (each head) stops instantaneously. And in the act of shutting off (and starting again) the air and water orifices are automatically wiped clean.

Unusually flexible as to application, it may be installed on any standard atomizer system.

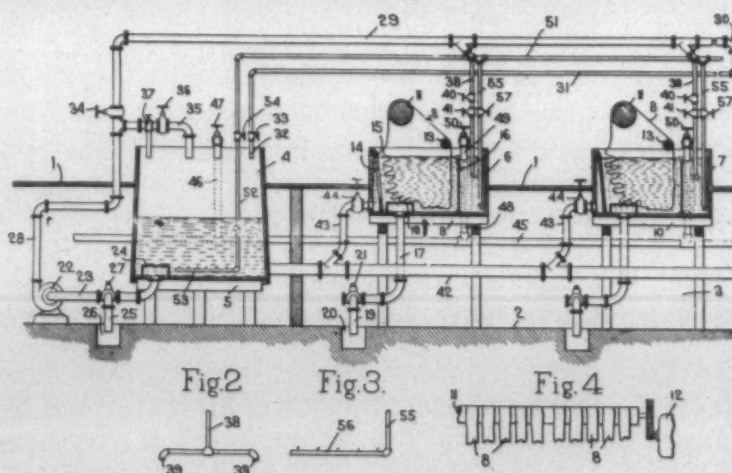


### New Multiple Piece Dye System

This system consists essentially of a series of two to six kettles of any given standard size all fed from one dye tank by means of a pump. The

This system can be supplied complete or can be applied to existing dye kettles. It is said to have been successfully used for some time by a large manufacturer of pile fabrics. It is applicable in cases where a large yardage of one shade is desired. It is claimed that all kettles, being fed

Fig.1.



kettles are so connected to the dye tank that one or more of them can be cut out of production at any time by the turn of a valve. Furthermore, these kettles when cut out of the system can be used as individual dye kettles for producing different shades if desired.

from one dye tank, produce colors of absolutely uniform shade.

Riggs & Lombard, Inc., of Lowell, Mass., have obtained exclusive rights to manufacture and sell this machine to woolen, worsted and knit goods manufacturers.

# TEXTILE BULLETIN

Member of

Audit Bureau of Circulations and Associated Business Papers, Inc.

Published Every Thursday By

## CLARK PUBLISHING COMPANY

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David Clark - - - President and Managing Editor  
Junius M. Smith - Vice-President and Business Manager  
B. Ellis Royal - - - Associate Editor

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Single Copies	- - - - -	.10

Contributions on subjects pertaining to cotton, its manufacture and distribution, are requested. Contributed articles do not necessarily reflect the opinion of the publishers. Items pertaining to new mills, extensions, etc., are solicited.

## Three Objectives

**W**E have recently had three special objectives which are as follows:

- (1) The establishment of a student loan fund as an aid to cotton mill boys who desire a textile education.
- (2) A three-day School for Master Mechanics as a means of making a measure of technical information available to young men in the machine shops and repair departments of cotton mills.
- (3) The establishment of soccer or English football as a fall sport for cotton mill boys and men.

In response to our suggestions the American Cotton Manufacturers' Association Student Loan Fund, Inc., has been established and initial contributions of \$850 have been received by them.

The Master Mechanics' School will be held in morning and afternoon sessions at the Charlotte Chamber of Commerce, June 8th, 9th and 10th with a very able set of instructors.

Furman University, Greenville, S. C., has agreed to conduct a one-week school for soccer football, and if the Cotton Manufacturers' Association of South Carolina or individual manufacturers will pay a few weeks' salary to a soccer football coach we believe that our third objective will be obtained.

## Student Loan Fund

**T**HE honor of making the first contribution to the recently incorporated American Cotton Manufacturers' Association Student Loan Fund, Inc., went to Belton C. Plowden, of Griffin, Ga., who is a salesman for the David Brown Company, of Lawrence, Mass.

Contributions received up to the present time have been:

Belton C. Plowden, of David Brown Co., Griffin, Ga.	\$100
Leon Lowenstein, of M. Lowenstein & Son Co., New York	250
Harry Leslie, of Leslie, Evans & Co., New York	250
Geo. I. Seidman, of Heineman & Seidman, New York	250
Total to date	\$850

The Lowenstein, Leslie and Seidman contributions were made in honor of the late Abe Lowenstein, of Lowenstein & Son Co., of New York, and the president of Rock Hill Printing & Finishing Co., of Rock Hill, S. C. It is a fine tribute to Mr. Lowenstein. They could have erected a monument of cold marble but through this form of remembrance, many cotton mill boys will be able to obtain a textile education.

The officers of the American Cotton Manufacturers' Association Student Loan Fund, Inc., are as follows:

President, Thos. H. Webb, Concord, N. C.  
Vice-President, R. R. West, Danville, Va.  
Secretary and Treasurer, W. M. McLaurine, Charlotte, N. C.

### Directors:

Thos. H. Webb, Concord, N. C.  
R. R. West, Danville, Va.  
John A. Law, Spartanburg, S. C.  
P. E. Glenn, Atlanta, Ga.  
Comer Jennings, Eufaula, Ala.

All contributions are to be made to W. M. McLaurine, Charlotte, N. C., who is also secretary of the American Cotton Manufacturers' Association, and loans are made by him upon the approval of the directors.

Young men securing loans are to give notes payable over a period of years, after graduation. They will be required to furnish two endorsers, as the money is to be repaid and become a revolving fund which can be loaned to other young men in years to come.

As the American Cotton Manufacturers' Association Student Loan Fund, Inc., has been carefully set up and is **exclusively for educational purposes**, all contributors can legally deduct their contributions when filing income tax returns.



On behalf of the textile industry of the South we wish to thank Belton C. Plowden, Leon Lowenstein, Harry Leslie and Geo. I. Seidman for their contributions to the American Cotton Manufacturers' Association Student Loan Fund, Inc., and to express the hope that many others will follow their example to the end that cotton mill boys without adequate funds may secure textile educations and thereby better chances in life.

The TEXTILE BULLETIN will take pleasure in publishing the names of other contributors when contributions are made.

## Master Mechanics School

**W**E call the attention of mill executives to the Master Mechanics' School which is to be held at the Chamber of Commerce in Charlotte on June 8th, 9th and 10th. The full program of the three days' school will be found on Page 8 of this issue.

Cotton mill master mechanics and their young assistants in the machine shops and the repair departments have given many indications of their thirst for technical information and this Master Mechanics' School should be of great benefit to them.

Among the men who will give instruction are Prof. Sam Earl, of Clemson College, and Prof. L. L. Vaughan, of N. C. State College, both outstanding educators.

Professor Vaughan has for several years conducted an annual school for janitors of schools and public buildings in North Carolina and the information he has given about coal and methods of firing have in many cases resulted in considerable savings in fuel. We believe that his instruction will assist, those who attend, in reducing coal consumption at their plants.

The expense incident to attending the Master Mechanics' School is very small and we believe that cotton mills will be justified in seeing that many of their men attend.

## When Japan Opened Its Ports

**I**N the May issue of the *Readers Digest* there is a very interesting article entitled "How Perry Won Japan," and it is of particular interest just at this time when, according to American idea, there is too great a flow of commerce from that country.

For many years Japan lived unto itself and permitted no foreign ships to enter its ports with the exception of one Dutch ship each year.

The story in *Readers Digest* not only gives Commodore Perry full credit for entering a Jap-

anese port in 1853 with American warships and with using fine diplomatic tactics, but also credits him with the conception of the idea.

Commodore Perry was an outstanding naval officer but was acting under the orders of and in accord with plans made by his superior officer, Secretary of the Navy, William A. Graham, who was a grandfather of the editor of this publication.

William A. Graham had served in the United States Senate and been a candidate for Vice President of the United States upon the Whig Party ticket of Scott and Graham.

He was keenly alive to the value of foreign trade and when Congress adopted a resolution demanding that the Japanese ports be opened, it fell to him as Secretary of the Navy to send American ships under Commodore Perry and plan the strategy and draw the treaty.

We would not detract from the fine work done by Perry but he was acting under orders from the Secretary of the Navy who in turn was under orders from Congress.

## What Profit?

**A** RECENT newspaper dispatch from Reading, Pa., said:

After an estimated loss in wages of \$1,000,000 since March 1st, some 4,500 hosiery workers at 17 mills will begin to return to work following a week-end settlement between the manufacturers and the American Federation of Hosiery Workers.

Even if they obtained a small advance in wage it will require many months for the Reading full-fashioned hosiery workers to get back the \$1,000,000 loss in wages.

The union organizers lost no wages during the strike.

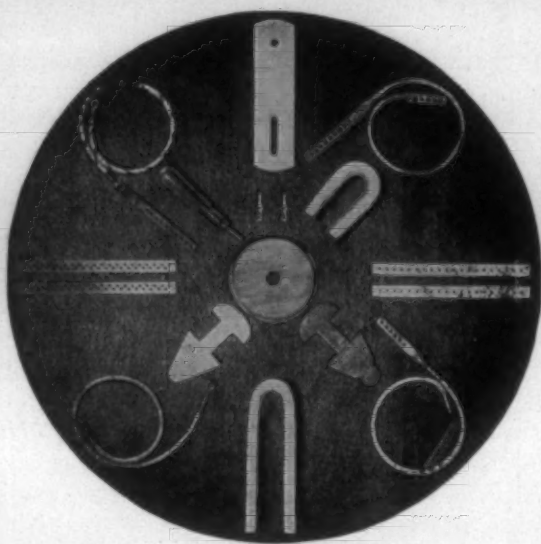
## Babson's View of Strikes

**I**N a recent statement Roger W. Babson said in part:

The wave of strikes since January 1st has cost the nation more than a half a billion dollars. To ask who is winning the battle going on in hundreds of plants throughout the country today is like asking: "Who won the San Francisco earthquake?"

Workers have always gone further and got more by peaceful collective bargaining than by violence. There are plenty of outstanding illustrations of this fact. Once a fair employer is forced to go through a strike in his own plants, he can never have the same feeling toward his workers, and vice versa. In the long run, workers and employers gain about as much from strikes and lockouts as farmers gain from flood and drought.

## Rice Dobby Chain Co.



Millbury, Massachusetts

To Increase Your Production and Quality Write Us  
for Information on Changing Your Flyer Frames

From 11x5½ to 12x6  
" 9x4½ to 10x5  
" 7x3½ to 8x3½

### The Norlander Machine Company

Gastonia, N. C.

New Bedford, Mass.

With years of service and experience to hundreds of Cotton Mills all over the United States we offer you the best Skilled Workmanship in repairing, Flyers, Spindles of all kinds, Steel Rolls, Twister Rolls and Drawing Rolls.

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Has realized thousands of repeated orders

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*Send Us Your Order*

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Twines—Wrapping Paper—Boxes, etc.

**DILLARD PAPER CO.**

GREENSBORO, N. C. GREENVILLE, S. C.

## Mill News Items

MOBILE, ALA.—The Mobile Cotton Mills are now operating a battery of 420 looms. The company formerly operated 380 looms.

ENNIS, TEX.—The industrial committee of the Chamber of Commerce reports officials of a hosiery mill in Robeson, Pa., is considering the transfer of their mill to Ennis. William Muller, owner of the mill, is said to have been surveying the territory for a suitable location.

CALHOUN FALLS, S. C.—Representing an expenditure of around \$22,000, the Calhoun Mills has an improvement program under way. Daniel Construction Company, Anderson, S. C., is supervising and J. E. Serrine & Co., Greenville, S. C., are the engineers.

BURLINGTON, N. C.—Directors of the May Hosiery Mills, Inc., whose plants are at Burlington, have declared an extra dividend of 25c a share and a regular dividend of 50c a share on the Class "A" common stock, both payable June 1st to holders of record May 19th.

STANFIELD, N. C.—A charter has been granted to Excella Hosiery Mills which will manufacture yarns, cloths and textile fabrics. Authorized capital is \$100,000 with \$10,000 subscribed by Brooks Jerome of Wade, N. C., and L. R. Furr, T. B. Love and L. R. Wagner of Stanfield.

TENNILLE, GA.—The Washington Manufacturing Company of Tennille has awarded contract for the construction of a one-story addition, 56x100, for which superstructure has already gotten under way. The new building and machinery will represent a cost of more than \$45,000.

ATLANTA, GA.—With bids to be opened on Thursday, the contract for the construction of the \$60,000 plant addition by Cluett, Peabody & Co., shirt manufacturers, is expected to be awarded this week and work will begin immediately afterward, it has been announced here.

Plans call for an addition of 30,000 square feet. It is said that when completed the added facilities are expected to create work for approximately 300 additional persons, mostly women. It is stated that the additional space will nearly double the present output of 3,500 dozen shirts each week.

LANGLEY, S. C.—A complete renovation program has been under way, including the installation of 188 special looms, at the Langley plant of the Aiken Mills. More than 20 machines were started some weeks ago, with shafting alignment and general tuning of the looms in progress.

The Langley plant has not operated for around two years. The weaving department will cover the entire first floor of the No. 2 mill, which has been completely renovated with new paint and new flooring. This was so designed as to be one of the most up-to-date weave rooms in this section, it is believed.



# Mill News Items

STONEWALL, MISS.—New additions are now being constructed at the Stonewall Cotton Mills, Inc., and other improvements are being made. These mills are engaged in the manufacture of chambrays, denims, tick and covers, using 22,000 spindles and a battery of 700 looms.

SMITHFIELD, N. C.—Allan C. Mims, H. B. Marrow and William M. Sanders, all of Smithfield, secured a charter recently for the Smithfield Hosiery Mills, Inc.

The firm will make and sell hosiery and textile fabrics under \$100,000 authorized capital, with \$300 stock subscribed.

LUMBERTON, N. C.—H. B. Jennings, president and treasurer, announced recently the Mansfield Cotton Mills, Inc., and the Jennings Cotton Mills had begun operation on two eight-hour shifts daily, instead of the 11-hour shifts in effect heretofore. He said the work week would be 40 hours.

HIGH POINT, N. C.—Work has been started on the construction of a two-story brick unit by the Slane Hosiery Mills, Inc., and is being built adjacent to the present mill. The addition will measure 60x120 feet. It is scheduled to be completed by early July, it is stated.

As soon as the new unit is completed the Lock-Knit Hosiery Mill will be liquidated with a view of merging the two mills, Millis H. Slane, president of the Lock-Knit states.

CLINTON, S. C.—The properties of the Stutz Hadfield Silk Corporation at Clinton brought \$17,000 when sold at public auction under an order of Angus H. McCauley, special referee in bankruptcy.

The plant was bought in by Sam Lovitt of Greenville for \$11,500. Mill machinery was purchased by R. W. Wade of Clinton, as attorney, for \$2,500. A house and lot included in the property were bought by C. C. Giles of Clinton for \$3,700.

COLUMBUS, GA.—The Standard Textile Products Company has accepted an offer of \$500,000 for the purchase of the plant of the Meritas Mills Corporation, subject to the approval of the court as a further step in the reorganization of the business. The bondholders' protective committee has approved the offer.

Judge Mack in the U. S. District Court on Saturday signed an order citing security holders and creditors to show cause at a hearing set for June 4th at 10 o'clock why the offer submitted by the Crescent Corporation shall not be approved.

The plant of the Meritas Mills Corporation, located at Columbus, covers 96 acres and consists of 20 mill buildings and tenement houses for employees, together with equipment. The plant has not been operated by the debtor since September, 1935, and the board of directors decided that the sale of the plant is advisable.

## What do you need?

CHECKS, LUGS, HARNESS STRAPS,  
BUMPERS, PLAIN AND GROOVED  
BINDER LEATHER, SPINDLE LEATHERS,  
HOLD-UP STRAPS.

Charlotte textile leathers are built to specifications, carefully inspected and delivered to meet your requirements. They are made in oak tannage or Hairon leather from tough, heavy foreign hides.

Check your stock today, order now from

**CHARLOTTE LEATHER**



**BELTING COMPANY**

CHARLOTTE, NORTH CAROLINA

INDUSTRIAL LEATHERS FOR EVERY PURPOSE

## WENTWORTH

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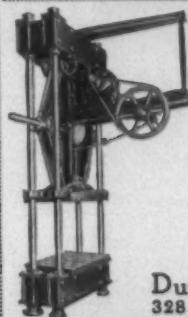
Last Longer, Make Stronger  
Yarn, Run Clear, Preserve the  
SPINNING RING. The greatest  
improvement entering the spinning  
room since the advent of the HIGH  
SPEED SPINDLE.

Manufactured only by the  
**National Ring Traveler Co.**

Providence, R. I.

31 W. First Street, Charlotte, N. C.

Reg. U. S. P. O.



## BALING PRESS

Motor Drive, Silent Chain, Center of Screw.

Push Button Control—Reversing Switch with limit stops up and down.

Self contained. Set anywhere you can run a wire.

Our Catalogue sent on request will tell you more about them.

**Dunning & Boschert Press Co., Inc.**  
328 West Water St. SYRACUSE, N. Y.

## MI-CLEANSER

*Textile Mill Scrubbing Powder*



Mill floors scrubbed with Mi-Cleanser and dried with the Denison Squeegee stay hard and smooth.

You can add many years to the life of your floors by using these products. Order the following today:

1 Bbl Mi-Cleanser No. 35.

1 Model M-2 Denison Squeegee.

**THE DENISON MANUFACTURING CO.**  
ASHEVILLE, N. C.

## Quality and Service PLUS

How about an inquiry?

**SCHACHNER**  
**Leather Belting Co.**

P. O. Box 2064 Phone 4851  
Charlotte, N. C.

### T. V. T.

No, it's not another addition to the New Deal Alphabet, as you may have suspected. It means "Try Victor Travelers," a suggestion we make frequently because, judging from results in hundreds of mills, we believe it will be to your advantage to try them. It will cost you nothing to make a test. We'll send samples free.

**VICTOR RING TRAVELER COMPANY**  
20 Mathewson St. Providence, R. I.

P. O. Box 1318  
1733 Inverness Ave., N. E. Atlanta, Ga. Tel.—Vernon 2330  
173 W. Franklin Ave. Gastonia, N. C. Tel.—247

## When You Want FAST ACTION

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Want Ad Section

Of This

Live **WEEKLY** Journal

## Handsome Trophies To Be Awarded in S. T. A. Golf Tournament

The following permanent trophies will be numbered among the handsome prizes for which entrants will compete in the annual golf tournament of the Southern Textile Association, which will be played over the Ocean Forest Country Club course, Friday afternoon, June 11th:

Large silver bowl, donated by Corn Products Sales Company, and awarded for one year, with a small replica for permanent possession, to the active member making low gross score; silver cup donated by the Charlotte Textile Club, and awarded for one year to the active member making low net score; silver cup donated by Textile Bulletin and awarded for one year to the associate member making low net score in this division.

In addition, runner-up and consolation prizes will be awarded in both divisions.

The tournament will be in charge of a committee headed by J. H. Zahn. It will be a handicap affair and players may select their own handicaps. However, a net score of 68 or less will automatically make the contestant ineligible for a prize.

It is expected that a field of 100 or more players will enter.

## Georgia Mill Executives Hold Annual Meet

An exceptionally large attendance of Georgia cotton mill executives is expected at the thirty-seventh annual convention of the Cotton Manufacturers' Association of Georgia, at the Cloister Hotel, Sea Island, Ga., June 3rd-4th.

The convention will open Thursday morning at the Sea Island Casino, with J. T. Colson of Brunswick making the address of welcome, the response to be made by Fuller E. Callaway, Jr., of LaGrange, president of Callaway Mills and treasurer of the Association. The president's annual address will be made by W. N. Banks of Grantville, who is president of Grantville Mills, McIntosh Mills and Moreland Knitting Mills.

Guest speakers at the opening session will be P. S. Arkwright of Atlanta, president of the Georgia Power Company, and C. S. Ching of New York, director of public and industrial relations of the U. S. Rubber Products Company. Both speakers will discuss labor relations, a question that is uppermost in the minds of all industrial employers as a result of the recent Supreme Court approval of the National Labor Relations Act.

The annual banquet will be held on Thursday evening and following a program of musical entertainment, an address will be made by Hatton Lovejoy of LaGrange. Presentation of golf prizes will be made by George P. Swift, Columbus.

Friday, addresses will be made by T. E. Whitaker, commissioner of the new State Department of Labor, and by W. W. Larsen, director of the division of unemployment compensation. Both speakers will discuss the labor legislation enacted at the recent session of the General Assembly, particularly with reference to the new system of unemployment compensation.



### Puckett Made Assistant Sales Manager

Hugh Puckett has been made assistant Southern sales manager of American Cyanamid & Chemical Corp., according to announcement made by Paul Haddock, who heads the sales department in the South. Mr. Puckett was connected with the firm of Chas. H. Stone, Inc., for about eight years, up until the time this company was acquired by American Cyanamid and Chemical Corp., and is widely known to the trade in this section.

### Yugoslavian Textile Mills Reported Now At Capacity

Vienna.—For the first time in years, practically all Yugoslav textile factories now work at full capacity. The improvement is mainly due to considerable orders coming in from the eastern parts of Yugoslavia, where economic conditions picked up a great deal recently.

### Expect Demand for Cotton Goods To Continue

"There is every evidence that the demand for cotton goods has come to stay and will continue at a high rate for some years," comments the Liverpool, England, brokerage house of M. & B. Stern, which continues:

"The world demand for all cotton points to a slight excess over production but, approximately, both will be about 30 million bales. This makes for a very strong position, and much will depend upon the yield of American this season. Estimates of 38 million acres have been issued, but sound authorities are basing their calculations on a probable increase of 3 million acres over the July 1st acreage of last year, which was 30,620,000 acres, and which eventually produced a crop of about 12,400,000 bales, thanks to the excellent yield of 197 pounds to the acre.

"We believe the market is consolidating itself after the liquidation, which was mainly caused by the serious losses incurred in the many commodity markets. Although it may take some time for confidence to be entirely restored, we continue to hold bullish views, based on the sound statistical position of cotton, which will become extremely strong during the next four months."

### U. S. Silk Industry

Washington, D. C.—Manufacturers of silk goods (except knit goods) in the United States employed 44,584 wage earners in 1935, expended \$40,527,794 in wages, and reported production valued at \$149,720,889, according to preliminary figures compiled from the returns of the recent Biennial Census of Manufacturers, released by Director William L. Austin of the Bureau of the Census, Department of Commerce.

The total value of silk broad woven goods, silk narrow fabrics, and silk yarn and thread produced in 1935 amounted to \$118,200,889. The production of silk and silk-mixed broad woven goods aggregated 284,049,990 square yards, or 33,520,556 pounds, and the amount of silk yarn and thread produced for sale reached a total of 12,045,085 pounds.

### One of the "Attractions" Booked for the Associate Members' Division Banquet



LORETTA GREY

Miss Grey and her "Talk of the Town" Revue will provide entertainment at the Annual Banquet of the Associate Members' Division of the S. T. A. which will be held at the Ocean Forest Hotel, the evening of June 10th.

## Coming Textile Events

MAY 31 - June 5

National Cotton Week. Seventh Annual Observance.

JUNE 3-4

Cotton Manufacturers Association of Georgia 37th annual meeting, at the Cloister Hotel, Sea Island, Ga.

JUNE 4-5

Cotton Manufacturers' Association of South Carolina, annual convention at High Hampton, N. C.

JUNE 10

Southern Textile Association Associate Members Banquet at Ocean Forest Hotel, Myrtle Beach, S. C., at 8:00 P. M.

June 11-12

Southern Textile Association annual meeting, at Ocean Forest Hotel, Myrtle Beach, S. C.

JUNE 25-26

Piedmont Section, American Association of Textile Chemists and Colorists, summer outing at Ocean Forest Hotel, Myrtle Beach, S. C.

## SELLING AGENTS for SOUTHERN COTTON GOODS

### Deering Milliken & Co.

Incorporated

79-83 Leonard St.

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330 West Adams Street, Chicago

### CURRAN & BARRY

320 Broadway

New York, N. Y.

### Neisler Mills Co., Inc.

*Selling Agents*

66-68 Worth St.

New York

Domestic

Export

MERCHANDISING

### Joshua L. Baily & Co.

10-12 Thomas St.

New York

### Wellington, Sears Co.

New Orleans

San Francisco

Philadelphia

Chicago

Atlanta

93 Franklin St., Boston

65 Worth St., New York

## Cotton Goods Markets

New York.—Demand for all types of cotton goods was dull this week.

Print cloths, sheetings and carded broadcloths sold in small volume and prices on some constructions were easier.

Sales were estimated at 12 per cent of production in coarse yarn gray goods division. Backlogs diminished during the week. Machinery operating at the present rate for eight to ten weeks. Fine goods markets were quiet, but prices turned a trifle firmer on reports of growing curtailment of production.

Trading in finished cotton goods was better. Prices on percales were readjusted to a lower basis in line with the decline in gray goods. New business on denim and other work clothing fabrics was small, but mills continued busy on old contracts. Standard cottons, such as towels, pillow cases, sheets and bedspreads were strong and sales showed improvement. Colored yarn goods mills are sold ahead, and prices were firm.

Business in narrow print cloths was small although inquiries were numerous. Some buyers tested the market with low bids only to find that they could not obtain goods at full asking prices due to the fact that looms making these goods are sold up tight for several weeks ahead. Meanwhile mills continued to quote 28-inch 7.30-yard 64x60s at 5¼c and 32-inch 6.50-yard 64x60s at 6¾c.

Rayon yarn shipments in May were smaller than April, the decline being attributed to closing two large plants by strikes. Rayon fabrics were in moderate demand and prices unchanged. Silk fabrics sold in fair volume. New business in underwear and hosiery showed a small gain. Wool goods markets were quiet.

Print cloths, 27-in., 64x60s	5½
Print cloths, 28-in., 64x60s	5¾
Gray goods, 38½-in., 64x60s	6½
Gray goods, 39-in., 80x80s	8⅞
Tickings, 8-ounce	18
Denims	15
Brown sheetings, standard	11½
Brown sheetings, 4-yard, 56x60s	8¾
Brown sheetings, 3-yard	11
Dress ginghams	16
Staple ginghams	12

### J. P. STEVENS & CO. Inc.

*Selling Agents*

40 - 46 Leonard St., New York



## Cotton Yarn Markets

Philadelphia, Pa.—Prices continued to ease off during the week, partly due to pressure from customers, partly because some mills making ordinary quality carded yarns now stand in need of immediate business as an alternative to drastic curtailment in June. As an example, ordinary 20s/2 carded warps suitable for haircloth, tape, etc., are being offered in some quantity at as low as 32 cents and the plush grade at 33 cents. This compares with generally higher asking prices early this week and marks a new low in the current period of adjustment.

In the combed yarn division, it is reported that 30s-1, which during most of the week has been quoted usually at 43 cents, was offered a Northern customer at as low as 40½ cents. This and other combed peeler numbers have been persistently undersold by a few producers, it is said, and this has weakened the otherwise sound position of combed yarn mills in general. In some quarters, it is claimed, the amount of cheap yarn is small and would quickly be absorbed or withdrawn from the market, should a rally materialize in cotton.

It is indicated, however, that the larger buyers in the various lines believe yarn prices will undergo further adjustment before they reach a level which these buyers would consider attractive. Such a level, it is explained, would still give the spinners a good profit and yarn mill labor a generous wage. One large buyer of carded weaving yarns states that there is still need of a reduction of 2 or 3 cents, basis of 20s/2 warps, before yarns can be contracted for with confidence, for fall and later deliveries.

Customers show by their offers that they expect yarn rates to decline further and a few are aiming to wait until prices have rallied a little before they place additional contracts. Suppliers point out that in a lull such as this, individual ideas as to what may happen are likely to govern the buying plans of customers. But thus far most spinners are not trying to force buying and are likely to curtail materially as soon as unfilled orders have been worked off, unless better prices can be obtained for standard numbers than those now being offered.

### Southern Single Skeins

8s	28½
10s	29
12s	29½
14s	30
20s	31½
26s	34
30s	36
36s	40
48s	44

### Southern Single Warps

10s	29
12s	29½
14s	30
16s	30½
20s	31½
26s	34
30s	36
40s	44

### Southern Two-Ply Chain Warps

8s	29
10s	29½
12s	30
16s	32
20s	34
24s	36½
26s	37½
30s	38½
36s	43
40s	46

### Southern Two-Ply Skeins

8s	29
10s	29½
12s	30
14s	31½
16s	32
20s	34
24s	36
26s	37
30s	39
40s	46

### Two-Ply Plush Grade

12s	31½
16s	33½
20s	36
30s	41

### Duck Yarns, 3, 4 and 5-Ply

8s	29½
10s	30
12s	30½
14s	32
16s	33
20s	35

### Carpet Yarns

Tinged carpet, 8s, 3 and 4-ply	27
Colored strips, 8s, 3 and 4-ply	27
White carpets, 8s, 3 and 4-ply	28

### Part Waste Insulating Yarns

8s, 1-ply	25
8s, 2, 3 and 4-ply	26
10s, 2, 3 and 4-ply	27
12s, 2-ply	28
16s, 2-ply	32
20s, 2-ply	33
30s, 2-ply	37

### Southern Frame Cones

8s	28
10s	28½
12s	29
14s	29½
16s	30
20s	31
22s	32
24s	32½
26s	33½
28s	34½
30s	35½
36s	38

## John P. Maguire & Company INCORPORATED Factors

¶ Supervision of credits and finance is a highly specialized function in which we can be of service to you.

¶ We check credits, assume credit losses, and advance in cash, the net amount of shipments as made.

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TAYLOR R. DURHAM First National Building  
Charlotte, N. C.

## Nuform Check Straps



Patent No. 1863271  
July 14, 1932

Patent No. 1993531  
March 5, 1935

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SLIP-NOT BELTING  
CORPORATION

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**YOUNG MAN** with shop qualifications as a card fitter and seven years of grinding experience, sober and steady, desires position. Willing to give demonstration of work. Can also furnish best of references from present employer. Address "Willing," care Textile Bulletin.

**WANTED**

Opening in Southern mill for comber fixer. Prefer one with experience on Whitin combers. Give age and reference when applying. All new machinery.

Address "Comfix,"  
Care Textile Bulletin.

**WANTED**

All Card Room Overseers to know that we build or rebuild any type of Card Screen. We have been able to please some of the most particular men in the industry. We believe if given a chance we can make you one of our good customers.

Elliott Metal Works  
Spartanburg, S. C.  
Phone 2264

## DAUGHTRY SHEET METAL CO.

1109 E. Trade St., Charlotte, N. C.

**Picker and Conveying Pipes  
A Specialty**

## MURRAY LABORATORY

**Chemist and Bacteriologist**

Analytical and Consulting.

Sanitary, industrial and boiler water analyses, sizing compounds, oils and general analyses.

17 years Experience

21 W. McBee Ave. Greenville, S. S.

**POSITION WANTED**—As Overseer spinning or carding and spinning. Now employed as second hand in large Southern mill. I. C. S. graduate. Young, ambitious. Best of references. Address "C. F.," care Textile Bulletin.

## Cotton Houses May Be Next

Memphis, Tenn.—C. K. Everett of the Cotton-Textile Institute, New York, said that "cotton houses" may be "the next step in modern home designing."

He explained that a heavy cotton canvass is put on the wooden exterior of a building.

"Instead of brick or other outside materials," he said, "this cloth is put on after a coat of paint has been applied to the wood. And don't get the idea that the demonstration houses that have been built are like a tent. They are durable and represent the latest step in modern home designing."

Where a — appears opposite a name it indicates that the advertisement does not appear in this issue.

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Johnson, Chas. B. ....	—	Wytheville Woolen Mills ....	—



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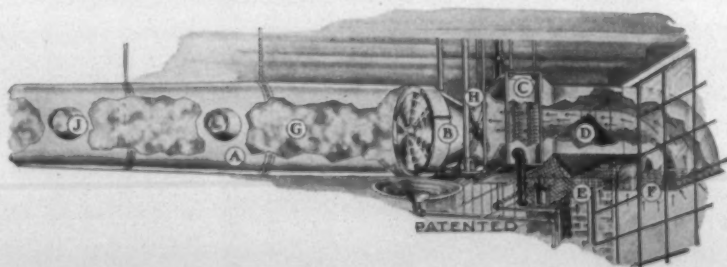
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## PUBLIC SALE OF SILK MILL

BY VIRTUE OF THE POWER AND AUTHORITY vested in me, the undersigned J. A. Moores, as Trustee, by a certain trust deed dated the 1st day of April, 1934, and recorded in the Register's Office of Lincoln County, Tennessee, in Trust Deed Book 70, page 539, executed by the Fayetteville Silk Mills Company, I will attend ON THE PREMISES, in the old 8th Civil District of Lincoln County, Tennessee, in the town of Fayetteville, on THURSDAY, JUNE 17, 1937, and at about 11:00 o'clock A. M., and offer for sale and sell for cash, free from and in bar of the right or equity of redemption, the real estate, lot, building and parcel of land of the Fayetteville Silk Mills Company, and all of the machinery erected and installed therein, of every kind, including motors, belting, wiring, connections, shafting, attachments and findings, including 60 looms, and all other equipment, a part of said Silk Mill including office furniture, etc. Said real estate and machinery and equipment will be sold as a whole, and as one plant. This mill is in first class condition, and there is an abundance of trained local help, the mill is suitable for making either silk or rayon, and labor conditions are ideal.

This the 6th day of May, 1937.

J. A. MOORES, Trustee.

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WANTED—Position as spinning room overseer. Age 27. I. C. S. graduate. Now employed as Assistant Overseer. Overhauler for seven years. Plenty of practical experience. Best of references. No bad habits. Address "S. R. O.," care Textile Bulletin.

POSITION WANTED—Overseer weaving. Age 30; married, no bad habits. A-1 Loom man. Technical education; can analyze cloth. Good references. Address "W. L.," care Textile Bulletin.

### South Carolina Cotton Manufacturers Hold Annual Meeting

The annual meeting of the Cotton Manufacturers' Association of South Carolina will be held June 4th and 5th at High Hampton, N. C., according to an announcement by Wm. P. Jacobs, of Clinton, S. C., secretary.

No speakers outside of the industry will be heard at the meeting. Dr. Claudius T. Murchison of New York, president of the Cotton-Textile Institute, will attend and will probably address the group some time during the convention.

S. M. Beattie of Greenville, president of the Association, will deliver his annual message soon after the convention opens on Friday. New officers will be elected on Saturday.

Mr. Jacobs will submit a report and special reports probably will be made by R. E. Henry of Greenville, chairman of the public relations committee, who is also new president of the American Cotton Manufacturers' Association; T. M. Marchant of Greenville, chairman of the legislative committee; T. Frank Watkins of Anderson, general counsel for the Association; Capt. Ellison A. Smyth of East Flat Rock, N. C., chairman of the traffic committee; and Carl R. Cunningham, manager of the traffic committee.

Other committee chairmen, some of whom will submit reports, follow: Alfred Moore, Wellford, agriculture; L. D. Blake, Belton, auditing; E. S. McKissick, Greenville, bagging and ties; M. L. Smith, Laurens, cost accounting; Emslie Nicholson, Union, cotton rules; C. E. Hatch, Greenville, education; W. H. Beattie, Greenville, entertainment; D. W. Anderson, Pacolet, exports; John W. Arrington, Jr., Greenville, finishing plants; Z. F. Wright, Newberry, fuel; John R. Hart, York, industrial relations; George M. Wright, Great Falls, insurance.

Also, J. A. Chapman, Jr., Spartanburg, membership; B. D. Riegel, Ware Shoals, mills stores; Ben F. Hagood, Easley, mill supplies; W. A. Moorehead, Goldville, power; H. K. Hallett, Pelzer, relations with other associations; Allen F. Johnson, Greenville, resolutions; John A. Law, Spartanburg, selling agencies; S. H. Lander, Anderson, taxation; W. S. Montgomery, Spartanburg, trade practices; J. C. Self, Greenwood, village costs; M. P. Orr, Anderson, wastes; C. B. Hayes, Lyman, welfare work.

### Possible Split-Up of Dunean Mills Stock

A split-up in Dunean mill stock, approved by directors as a means of creating a wider market for the company stock, will be considered at a meeting of holders of common stock June 29th at 11 a. m. in the company offices of the Dunean Mills, Greenville, S. C., President R. E. Henry announced recently.

The intent of the resolutions adopted by the directors is that each share of the present common stock of \$100 par value shall be converted into five shares of \$20 par value each, and that there shall be issued to the holders of the present common shares five shares of the par value of \$20 each for each share of \$100 par value now outstanding, which latter shares will be retired and cancelled.

It is the belief of the directors that this will make ownership of the stock available to more people than is true with the present per share per value, and will also create wider market for the stock, which would benefit stockholders.

There would be no change in the amount of capital stock in the corporation, which is \$1,350,000. The change would provide that the authorized capital stock be divided into 67,500 shares of par value of \$20 each, and 10,000 shares of the par value of \$100 each.

The increase in the number of shares of stock shall in no way impair or change any rights of the preferred stockholders, nor reduce the present parity of their voting rights.

### Murchison Addresses Combed Yarn Group

Discussing pending legislation and immediate problems of importance to the spinning industry, Dr. Claudius T. Murchison, president of the Cotton-Textile Institute, addressed members of the Southern Combed Yarn Spinners' Association May 25th at a luncheon meeting at Belmont (N. C.) Community House. Sixty or more were present, representing practically the entire Southern industry.

R. D. Hall of Belmont, president of the Association, had called the meeting to hear Dr. Murchison and for the consideration of a number of matters of importance to the industry. Present as honor guest was R. R. Ray of McAdenville, the first president of the Gaston County Association, serving its first two years, 1924-25.

### Drayton Mills Officers Named

Directors of Drayton Mills were re-elected at the annual meeting of stockholders and officers of the firm in turn were re-elected.

The officers are: G. H. Milliken, president; J. W. Wardlaw, treasurer; A. T. Green, secretary and assistant treasurer.

Directors are: G. H. Milliken, W. J. Britton, Mrs. Ben W. Montgomery, H. A. Hatch, J. W. Wardlaw, W. S. Montgomery and W. E. Winchester.

Drayton is going through Section 77-B of the Federal Bankruptcy Act.

Stockholders of Pacolet Mills also met and the directors, meeting in turn, declared a 3½ per cent dividend on preferred stock. The dividend is payable May 15th to stockholders as of record May 7th.

D. W. Anderson was re-elected president and treasurer of Pacolet Mills and W. B. Lawson was re-elected secretary and assistant treasurer.

Directors are: W. D. Anderson, H. A. Hatch, W. S. Manning, G. H. Milliken, Victor M. Montgomery, W. S. Montgomery and L. W. Perrin.

Officers and directors of Startex Mills were re-elected. They are: W. S. Montgomery, president and treasurer; C. G. White, secretary.

Directors are: W. S. Montgomery, C. G. White, Alfred Moore, George H. Cornelson, G. H. Milliken, H. A. Hatch, W. S. Manning and Donald Russell.



## Record Crowd for Southern Textile Association Convention

(Continued from Page 10)

large cups to the winners of both the active group and the associate members group, with a number of other prizes for runners-up, consolation, etc.

For those who do not wish to play golf there will be other sports, such as riding, boating, surf bathing, fishing, etc. There is an excellent beach for surf bathing and beach sports.

### Annual Banquet

President Still will act as toastmaster at the twenty-ninth annual banquet Friday night. Golf prizes will be presented and there will be a drawing for attendance prizes by the ladies.

There will be no address at the banquet, but an entertainment feature will be presented which promises to be very good. Following this the banquet will adjourn and dancing will follow immediately.

### Saturday Morning Business Session

Following these addresses the regular business session and election of officers will be held and the convention will come to a close.

The closing session of the convention will be held Saturday morning with addresses by W. M. McLaurine, secretary and treasurer of the American Cotton Manufacturers' Association, and Robert W. Philip, editor of *Cotton*.

## Carter Fabrics Begins Operations in Model Mill

(Continued from Page 5)

### Elimination of Vibration

There are several layers of flooring, to eliminate vibration. The floor is built on the earth, with four inches of tar and rock, a three-inch creosoted sub-floor, with one-inch treated floor on top of that; one and one-half inches of sand and tar between the board and the rock.

The gypsum fireproof roof is another feature said to be new in cotton mill construction, and comprises a one-half inch insulated board with three inches of gypsum, four-ply felt and tar, and about one and one-half inches of sand gravel on top of that. The regular roof tops it all.

Charles W. Angle & Co. was the contractor; and Adams Electrical Company was responsible for the electrical work.

## Smithfield, N. C., Hosiery Mills Organization Completed

The organization of Smithfield Hosiery Mills, Inc., was completed last week. The Secretary of State granted the company a charter with authorized capital stock of \$100,000.

Stockholders elected H. B. Marrow, superintendent of the county schools, as president of the organization. R. R. Holt was named vice-president, and Allan Mimms, secretary-treasurer. Charles J. Boland, experienced manufacturer of Burlington, will be general manager and superintendent.

The machinery will be moved into the building next week and it is expected that work will be begun at once.

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## Visiting The Mills

By Mrs. Ethel Thomas Dabbs (Aunt Becky)

### Magnolia, Miss.—J. W. Sanders Cotton Mill, Inc., Mill No. 2

We felt at home here, for Superintendent C. F. McCade is a brother of our good friend, Mrs. J. F. Brannon, of Mooresville, N. C. This mill has "turned its back" on the highway, or else the highway turned back of it—and we had no idea there was anything attractive to be seen.

But Oh, Boy, when we got around to the mill front, we had to change our opinion. There's a broad lawn where roses bloom in profusion on carefully pruned bushes and trellises, making as pretty a picture as one could wish to see, and a really nice office.

#### Superintendent, Office Force and Overseers

Found a former acquaintance here. J. P. McGraw, overseer of weaving, who used to be in North Carolina. It sure makes one feel "thrilly" to find friends of bygone days in unexpected places, and at almost every place we visit we find someone. Mr. McGraw seems to be quite prosperous. He has a nice hotel, and he and his family live in it; Mrs. McGraw has an exceptionally nice cafe, and we were guests of Mr. McGraw for lunch, which was well prepared and attractive served. They have two children who are unusually bright in school.



Front Row—C. F. McDade, Superintendent; Miss Beulah M. Bird, Office Manager; Mrs. Relmon Hamilton, Assistant Bookkeeper; Nathan Skipper, Master Mechanic; J. P. McGraw, Overseer Weaving.

Back Row—E. E. Ratcliff, Overseer Cloth Room; Jim Rushing, Overseer Carding; M. E. Barlow, Overseer M. E. Barlow, Overseer Spinning; J. L. Davis, Overseer Night Weaving.

Take a good look at this group. Aren't they fine looking people? Yes, and they are as nice as they look—which is better. Wish all our subscribers here could be introduced through the medium of pictures.

W. E. Parker, overseer second shift spinning, failed to be on hand for the picture, but didn't fail to subscribe for The Bulletin.

B. F. Dixon, card grinder, and J. E. Rushing, section man in card room, are among the progressives at this mill. We are proud of them all, and shall look forward to another visit.

The office ladies, Miss Bird and Mrs. Hamilton, are both charming young women, and the beauty of the mill grounds is largely due to their efforts.

### McComb, Miss.—McComb Plant—Mobile Cotton Mills

We spent the night in McComb, which is not as large as I had imagined, but is quite a pretty town.

There are three textile plants here, and Summit, a short distance out, has one. At McComb, Barthdale Mills, Inc., manufactures cotton and rayon mixtures. W. L. Landau is president; A. K. Landau, secretary and treasurer, and J. C. Felder, superintendent.

Van Dyke Knitting Co., Inc., has 250 circular knitting machines, making high grade underwear and outerwear. J. C. Van Dyke is president; Douglas Van Dyke, secretary and J. H. Van Dyke, treasurer and superintendent.

Mobile Cotton Mills, McComb Plant, manufactures sheetings and drills; J. T. Broadbent, of New York, is president; H. Pope is secretary; G. V. Fortune, treasurer, and P. J. Walsh, 220 Broadway, New York, is buyer. There are 460 looms.



Front—S. W. Armatage, Superintendent; J. G. Haynie, Local Accountant; T. J. Easley, Master Mechanic; C. M. Simonton, Overseer Weaving.

Back—J. T. Duncan, Overseer Carding; W. H. Buckner, Overseer Spinning; J. J. Bullock, Overseer Cloth Room.

There is a nice office at this plant, and the officials and overseers are all pleasant and courteous. It was a real treat to meet them.

Superintendent Armatage is one of Mr. Clark's ardent admirers, and The Textile Bulletin is no stranger here.



"Aunt Becky" received a warm welcome, and sincerely hopes that this will not be her last visit to these delightfully friendly people.

### Texas, The "Lone Star" State—Home of Long-Horn Cattle, Horned Toads, Diamond-Back Rattlers, Deer, and the Most Lovely Wild Flowers

Texas deserves more than one star. Never could we picture such beauty as Nature has so lavishly spread over this gently rolling country.

Ot Orange, we were directed to Houston by Galveston—very much out of the way, but an entrancingly beautiful drive. We crossed a State-owned ferry at Port Arthur. Went through oil fields where the pumps were busy, and where great high pipes spouted gas flames that at night looked like the whole world was on fire. The flames or torches are from ten to twenty feet long—just the blaze—and burn day and night. I guess they can't stop them!

For miles and miles, the highway ran right by the Gulf. At one point a school of porpois and sharks were in a terrific battle. We stopped and watched them. It was an amazing sight to see a couple of porpois toss a ten-foot shark up out of the water, to fall back and renew the fight, which had been going on for hours, we were told.

The Gulf was on our left and on the right great herds of cattle grazed in knee-deep grass on thousands of acres of ranch land. Sometimes a bunch of cattle would block the highway, but a toot of the horn was sufficient to make them move to right and left—calmly and unafraid, as if they had been educated in traffic laws. Broad-breasted Burma bulls, with big humps on their backs, are crossed with regular beef cattle to produce better beef. There are few of the old-time "cowboys," if any. Those we saw were spotlessly clean, rode spirited horses and looked more like movie stars.

### Galveston, Our First Stop in Texas

Galveston has 57,000 population—several nationalities are represented; plenty of Mexicans. We reached Galveston after crossing the bay in a two-deck freighter Sunday afternoon. Besides our trailer, 14 other automobiles crossed at the same time.

A little tug boat pushed us across, and made one think of a little poodle dog nipping the heels of a great Dane.

Galveston is entirely surrounded by water, the only connection to the mainland being a bridge on the road out toward Houston. This bridge is quite a long one, and another is being built a few yards from it. This city is only 17 feet above sea level, and that 17 feet elevation has been built since the flood of around 25 or 30 years ago.

We stopped in an up-to-date tourist camp right by the Gulf and on the prettiest beach I've ever seen. But it was too cold to go swimming and too rough to go fishing; besides, it was Sunday.

### Crops Late

People in Texas truly know how to farm. They don't walk behind a team—they ride tractors and plow several

rows at the time while sitting under a big umbrella! Crops are late by two weeks; cotton in some places just coming up, and at other places getting the first work-out. In Louisiana, we say the best crops—corn waist high in a few places, and rice fields galore.

Texas has few large trees, or few trees of any kind, along the highways. But Texas has thoughtfully made arrangements for the convenience of motorists on these long, long roads.

### Roadside Parks

At intervals on these long, hot roads, the State Highway Department has found a shady spot—or set trees and made one—and has built a concrete table and seats, a grate for cooking purposes, with a pile of wood cut and lying by ready for use! Two miles before reaching these "parks" there will be a notice telling that it is "two miles to a camp." This seems to me to be one of the nicest things—one of the most thoughtful things, that could be done for a weary traveler, and was something we truly appreciated.

### Houston, Texas

Houston is the largest city in Texas, I believe. The population is 350,000. There is only one cotton mill here, a small one, making cotton twines and mop yarns.

Saw a really pretty Mexican girl working here. This mill is a wooden building, much to my surprise. The people are friendly, and we received a cordial welcome from Superintendent W. C. Bowden and his key men.

B. J. Stovall, overseer carding, has been here three years. G. C. Bryant is night carder; Colbert Coker is card grinder; Jerry Sorsby, section man, has been here



Front—B. J. Stovall, Mack Harriston, W. C. Browden and Office force, Mrs. Stephens, M. J. Travers, and Mrs. Edmundson.  
Back—Jerry Sorsby, A. F. Smith, H. C. Boone, Colbert Coker, L. G. Netherland, and Ossie Cox.

eight years; Albert Boone, overseer spinning, has been here nine years; H. C. Boone is night spinner; A. Cox, overseer twisting, with Lester Haywood, night man; A. F. Smith and Mack Harriston, in charge of winding; L. G. Netherland is master mechanic.

We only stayed a short time in Houston, but really enjoyed meeting those big-hearted people.

Found one of the most unique stores here I've seen. It is a department store, and has everything mentionable. But the thing that appealed to us most was that every kind of vegetable, meat and bread, salads and all kinds of desserts, were there freshly prepared, hot or cold and ready for sale! You bought by the pound, pint or quart and at reasonable prices.

(Continued next week)

# Southern Sources of Supply

## For Equipment, Parts, Material, Service

Following are the addresses of Southern plants, warehouses, offices, and representatives of manufacturers of textile equipment and supplies who advertise regularly in TEXTILE BULLETIN. We realize that operating executives are frequently in urgent need of information service, equipment, parts and materials, and believe this guide will prove of real value to our subscribers.

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**ACME STEEL CO., THE**, 2840 Archer Ave., Chicago, Ill. Sou. Sales Offices: Georgia—Atlanta, Acme Steel Co. of Ga., Inc., 603 Stewart Ave.; F. H. Webb, Mgr., 1281 Oxford Rd., N.E.; W. H. Duane, 1196 Virginia Ave., N.E. North Carolina—Charlotte, F. G. German, 1617 Beverly Drive. South Carolina—Greenville, G. R. Easley, 107 Manly St. Tennessee—Signal Mountain, W. G. Polley, 802 James Blvd. Florida—Orlando, R. N. Sillars, 605 E. Gore Ave.

**AKRON BELTING CO.**, Akron, O. Sou. Branches, 209 Johnston Bldg., Charlotte, N. C.; 905 Woodside Bldg., Greenville, S. C.; 20 Adams Ave., Memphis, Tenn.

**ALLIS-CHALMERS MFG. CO.**, Milwaukee, Wis. Sou. Sales Offices: Atlanta, Ga., Healey Bldg., Berrien Moore, Mgr.; Baltimore, Md., Lexington Bldg., A. T. Jacobson, Mgr.; Birmingham, Ala., Webb Crawford Bldg., John J. Greagan, Mgr.; Charlotte, N. C., Johnston Bldg., William Parker, Mgr.; Chattanooga, Tenn., Tennessee Electric Power Bldg., D. S. Kerr, Mgr.; Cincinnati, O., First National Bank Bldg., W. G. May, Mgr.; Dallas, Tex., Santa Fe Bldg., E. W. Burbank, Mgr.; Houston, Tex., Shell Bldg., K. P. Ribble, Mgr.; New Orleans, La., Canal Bank Bldg., F. W. Stevens, Mgr.; Richmond, Va., Electric Bldg., C. L. Crosby, Mgr.; St. Louis, Mo., Railway Exchange Bldg., C. L. Orth, Mgr.; San Antonio, Tex., Frost National Bank Bldg., Earl R. Hury, Mgr.; Tampa, Fla., 415 Hampton St., H. C. Flanagan, Mgr.; Tulsa, Okla., 18 North Guthrie St., D. M. McCargar, Mgr.; Washington, D. C., Southern Bldg., H. C. Hood, Mgr.

**AMERICAN BLOWER CORP.**, Detroit, Mich. Sou. Offices: Court Square Bldg., Baltimore, Md.; 1211 Commercial Bank Bldg., Charlotte, N. C.; Rooms 716-19, 101 Marlette St. Bldg., Atlanta, Ga.; 846 Baronne St., New Orleans, La.; 1005-6 American Bldg., Cincinnati, Ohio; 619 Mercantile Bldg., Dallas, Tex.; 201 Petroleum Bldg., 1314 Texas Ave., Houston, Tex.; 310 Mutual Bldg., Kansas City, Mo.; 620 S. 5th St., Architects & Bldrs. Exhibit Bldg., Louisville, Ky.; 1433 Oliver Bldg., Pittsburgh, Pa.; 7 North 6th St., Richmond, Va.

**AMERICAN CYANAMID & CHEMICAL CORP.**, 30 Rockefeller Plaza, New York City. Sou. Office and Warehouse, 822 W. Morehead St., Charlotte, N. C.; Paul Haddock, Sou. Mgr.

**AMERICAN ENKA CORP.**, 271 Church St., New York City. Sou. Rep., R. J. Mebane, Asheville, N. C.

**AMERICAN MOISTENING CO.**, Providence, R. I. Southern plant, Charlotte, N. C.

**AMERICAN PAPER TUBE CO.**, Woonsocket, R. I. Sou. Rep., Ernest F. Culbreth, P. O. Box 11, Charlotte, N. C.

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**ATLANTA HARNESS & REED MFG. CO.**, Atlanta, Ga. G. P. Carmichael, Atlanta Office; Alabama, Georgia and Mississippi Rep., Barney R. Cole, Atlanta Office; North Carolina and South Carolina Rep., Dave Jones, Greenville, S. C.

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**BARBER-COLMAN CO.**, Rockford, Ill. Sou. Office, 31 W. McBee Ave., Greenville, S. C.; J. H. Spencer, Mgr.

**CHARLES BOND CO.**, 617 Arch St., Philadelphia, Pa. Sou. Reps., Harold C. Smith, Greenville, S. C.; Harold C. Smith, Jr., Greenville, S. C.; John C. Turner, P. O. Box 1344, Atlanta, Ga.

**BORNE, SCRYMSEY CO.**, 17 Battery Place, New York City. Sou. Mgr., H. L. Sleever, P. O. Box 1169, Charlotte, N. C. Sales Reps., W. B. Uhler, 608 Palmetto St., Spartanburg, S. C.; R. C. Young, 1216 Kenilworth Ave., Charlotte, N. C.; John Ferguson, 303 Hill St., LaGrange, Ga.

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**CAMPBELL & CO., JOHN**, 75 Hudson St., New York City. Sou. Reps., M. L. Kirby, P. O. Box 432, West Point, Ga.; Mike A. Stough, P. O. Box 701, Charlotte, N. C.; A. Max Browning, Hillsboro, N. C.

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**CAROLINA REFRACTORIES CO.**, Hartsville, S. C.

**CHARLOTTE CHEMICAL LABORATORIES, Inc.**, Charlotte, N. C.

**CHARLOTTE LEATHER BELTING CO.**, Charlotte, N. C.

**CIBA CO., Inc.**, Greenwich and Morton Sts., New York City. Sou. Offices and Warehouses, Charlotte, N. C.

**CLINTON CO.**, Clinton, Iowa. Sou. Agt., Luther Knowles, Jr., Box 127, Tel. 2-2486, Charlotte, N. C. Sou. Reps., Grady Gilbert, Box 127, Charlotte; Clinton Sales Co., Inc., Byrd Miller, 2 Morgan Bldg., Greenville, S. C.; Lee Gilbert, Box 481, Tel. 2913, Spartanburg, S. C.; A. C. Boyd, 1071 Bellevue Drive, N.E., Tel. Hemlock 7055, Atlanta, Ga. Stocks carried at Carolina Transfer & Storage Co., Charlotte; Consolidated Brokerage Co., Greenville, S. C. Atlanta Service Warehouse, Atlanta.

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**CUTLER, ROGER W.**, 141 Milk St., Boston, Mass. Sou. Office, Woodside Bldg., Greenville, S. C. Sou. Agents: B. L. Stewart Roller Shop, Laurinburg, N. C.; Dixie Roller Shop, Rockingham, N. C.; A. J. Whittemore & Sons, Burlington, N. C.; The Georgia Roller Covering Co., Griffin, Ga.; Textile Roll Covering Works, LaGrange, Ga.; East Point Roller Cov. Co., East Point, Ga.; Dixie Roll & Cot Co., Macon, Ga.; Morrow Roller Shop, Albemarle, N. C.; Peerless Roll Covering Co., Chattanooga, Tenn.; Textile Roll & Cot Co., Dallas, Tex.; Greenville Textile Supply Co., Greenville, S. C.; Anniston Roll Covering Co., Anniston, Ala.

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**DENISON MFG. CO., THE**, 145 Lyman St., Asheville, N. C. Sou. Rep., L. B. Denison, Genl. Mgr.

**DILLARD PAPER CO.**, Greensboro, N. C. Greenville, S. C. Charlotte, N. C. Sou. Reps., E. B. Spencer, Box 1267, Charlotte, N. C.

**DRAPER CORPORATION**, Hopedale, Mass. Sou. Rep., E. N. Darrin, Vice-Pres.; Sou. Offices and Warehouses, 242 Forsyth St., S.W., Atlanta, Ga.; W. M. Mitchell; Spartanburg, S. C.; Clare H. Draper, Jr.

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**DU PONT DE NEMOURS & CO., Inc.**, E. I., Dyestuffs Div., Wilmington, Del. John L. Dabbs, Mgr.; D. C. Newman, Asst. Mgr.; E. P. Davidson, Asst. Mgr.—Technical. Sou. Warehouses, 302 W. First St., Charlotte, N. C. Reps., L. E. Green, H. B. Constable, W. R. Ivey, Charlotte Office; J. D. Sandridge, W. M. Hunt, 1031 Jefferson Standard Bldg., Greensboro, N. C.; B. R. Dabbs, John L. Dabbs, Jr., 715 Providence Bldg., Chattanooga, Tenn.; R. D. Sloan, Amanda Apt., Greenville, S. C.; J. M. Howard, 135 S. Spring St., Concord, N. C.; W. F. Crayton, Dimon Court Apt., Columbus, Ga.; J. A. Franklin, Augusta, Ga.; Tom Taylor, Newnan, Ga.

**DU PONT DE NEMOURS & CO., Inc.**, E. I., The R. & H. Chemicals Dept., Wilmington, Del. R. M. Levy, Dist. Sales Mgr., 302 W. First St., Charlotte, N. C.

**EATON, PAUL B.**, 213 Johnston Bldg., Charlotte, N. C.

**EMMONS LOOM HARNESS CO.**, Lawrence, Mass. Sou. Reps., George F. Bahan, P. O. Box 581, Charlotte, N. C.; Herbert Booth, Claridge Manor Apt., Birmingham, Ala.

**ENGINEERING SALES CO.**, 217 Builders' Bldg., Charlotte, N. C.; S. R. and V. G. Brookshire.

**FAFNIR BEARING CO.**, New Britain, Conn. Sou. Reps., Stanley D. Berg, No. 321 N. Caswell Road, Charlotte, N. C.; A. G. Laughridge, No. 248 Spring St., N.W., Atlanta, Ga.

**FOSTER MACHINE CO.**, Westfield, Mass. Sou. Reps., R. W. Ensign, Charlotte, N. C.

**FRANKLIN MACHINE CO.**, 44 Cross St., Providence, R. I.

**FRANKLIN PROCESS CO.**, Providence, R. I. Sou. Plants, Greenville, S. C., and Chattanooga, Tenn.

**GENERAL COAL CO.**, 1215 Johnston Bldg., Charlotte, N. C. C. L. Rowe, Sou. Sales Mgr. Reps., J. W. Lassiter, F. W. Reagan, E. H. Chapman, Charlotte, N. C.; J. C. Borden, Grace American Bldg., Richmond, Va.; D. H. R. Wigg, Wainwright Bldg., Norfolk, Va.; W. A. Counts, Law & Commerce Bldg., Bluefield, W. Va.; H. C. Moshell, Peoples Bank Bldg., Charleston, S. C.; P. W. Black, Greenville, S. C.; H. G. Thompson, Bristol, Tenn.



**GENERAL DYESTUFF CORP.**, 435 Hudson St., New York City. Sou. Office and Warehouse, 1101 S. Blvd., Charlotte, N. C., B. A. Stigen, Mgr.

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**GENERAL ELECTRIC VAPOR LAMP CO.**, Hoboken, N. J. Sou. Reps., Frank E. Keener, 187 Spring St., N.W., Atlanta, Ga.; C. N. Knapp, Commercial Bank Bldg., Charlotte, N. C.

**GILMER CO.**, L. H. Tacony, Philadelphia, Pa. Sou. Factory Rep., William W. Conrad, Greenwood, S. C. Sou. Mill Supply Distributors: Alabama—Owens-Richards Co., Inc., Birmingham; Southern Bearing & Parts Co., Birmingham; Selma Foundry & Machine Co., Selma, Florida—Llewellyn Machinery Corp., Miami; Harry P. Leue, Inc., Orlando; Johnston Engineering Corp., St. Petersburg; Southern Pump & Supply Co., Tampa, Georgia—Fulton Supply Co., Atlanta; Corbin Supply Co., Macon; Mill & Ship Supply Co., Savannah (formerly John D. Robinson Co.); Miscellaneous—Soule Steam Feed Works, Meridian, North Carolina—McLeod Leather & Belting Co., Greensboro; Odell Mill Supply Co., Greensboro, South Carolina—Greenville Textile Supply Co., Greenville, Tennessee—Rogers-Balley Hardware Co., Chattanooga; Browning Belting Co., Knoxville; J. E. Dilworth Co., Memphis; Nashville Machine & Supply Co., Nashville, Virginia—Todd Co., Inc., Norfolk; Smith-Courtney Co., Richmond; Johnston Electric Co., Staunton, West Virginia—Central Electric Repair Co., Fairmont.

**GOODYEAR TIRE & RUBBER CO., Inc.**, Akron, O. Sou. Reps., W. C. Killick, 209-11 East 7th St., Charlotte, N. C.; W. Reynolds Barker, 141 N. Myrtle Ave., Jacksonville, Fla.; T. F. Stricker, 500-4 N. Carrollton Ave., New Orleans, La.; W. R. Burtie, 3rd and Guthrie, Louisville, Ky.; R. G. Abbott, Allen and Broad Sts., Richmond, Va.; R. B. Warren, 214 Spring St. N.W., Atlanta, Ga.; J. L. Sinclair, 700 S. 21st St., Birmingham, Ala.

**GRASSELLI CHEMICAL CO.**, Cleveland, O. Sou. Office and Warehouse, 302 W. First St., Charlotte, N. C.

**GRATON & KNIGHT CO.**, Worcester, Mass. Sales Reps., R. W. Davis, Graton & Knight Co., 313 Vine St., Philadelphia, Pa.; O. D. Landis, 1709 Springdale Ave., Charlotte, N. C.; P. T. Pinckney, Jr., 2360 Forrest Ave., Apt. 3, Memphis, Tenn.; H. L. Cook, Graton & Knight Co., 2615 Commerce St., Dallas, Tex. Jobbers: Young & Vann Supply Co., Birmingham, Ala.; McGowan-Lyons Hdw. & Supply Co., Mobile, Ala.; C. C. Anderson, 301 Woodside Bldg., Annex, Greenville, S. C.; Cameron & Barkley Co., Charleston, S. C.; Cameron & Barkley Co., Jacksonville, Fla.; Cameron & Barkley Co., Miami, Fla.; Cameron & Barkley Co., Tampa, Fla.; Smith-Courtney Co., Richmond, Va.; Taylor-Parker, Inc., Norfolk, Va.; Battery Machinery Co., Rome, Ga.; Columbus Iron Works, Columbus, Ga.; Fulton Supply Co., Atlanta, Ga.; Dallas Belting Co., Dallas, Tex.; Textile Supply Co., Dallas, Tex.; Textile Mill Supply Co., Charlotte, N. C.; Keith-Simmons Co., Nashville, Tenn.; Lewis Supply Co., Memphis, Tenn.; Lewis Supply Co., Helena, Ark.; Southern Supply Co., Jackson, Tenn.; E. D. Morton & Co., Louisville, Ky.; Standard Supply & Hdw. Co., New Orleans, La.

**GREENVILLE BELTING CO.**, Greenville, S. C.

**GREENSBORO LOOM REED CO.**, Box 1375, Greensboro, N. C. Phone Greensboro 5071 collect. Geo. A. McFeters, Pres. and Mgr.; Geo. H. Batchelor, sales manager.

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**HART PRODUCTS CORP.**, 1440 Broadway, New York City. Sou. Mgr., Charles C. Clark, Box 274, Spartanburg, S. C. Sales Reps., Tally W. Piper, Box 534, Fairfax, Ala.; W. R. Sargent, Greenville, S. C.

**H & B AMERICAN MACHINE CO.**, Pawtucket, R. I. Sou. Offices, 815 The Citizens and Southern National Bank Bldg., Atlanta, Ga.; J. C. Martin, Asst.; Johnston, Charlotte, N. C.; J. E. McVey, Mgr.; Fritz Zweifel, Fred Dickinson, Jim Miller, sales and service representatives.

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**HERMAS MACHINE CO.**, Hawthorne, N. J. Sou. Rep., Carolina Specialty Co., P. O. Box 520, Charlotte, N. C.

**HOLBROOK RAWHIDE CO.**, Providence, R. I. Sou. Distributors, Odell Mill Supply Co., Greensboro, N. C.; Textile Mill Supply Co., and Charlotte Supply Co., Charlotte, N. C.; Gastonia Mill Supply Co., Gastonia, N. C.; Sullivan Hdw. Co., Anderson, S. C.; Montgomery & Crawford, Spartanburg, S. C.; Carolina Supply Co., Greenville, S. C.; Fulton Supply Co., Atlanta, Ga.; Southern Belting Co., Atlanta, Ga.; Greenville Textile Mill Supply Co., Greenville, S. C., and Atlanta, Ga.; Young & Vann Supply Co., Birmingham, Ala.; Waters-Garland Co., Louisville, Ky.

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**HOUGHTON WOOL CO.**, 253 Summer St., Boston, Mass. Sou. Rep., Jas. E. Taylor, P. O. Box 2084, Phone 3-3692, Charlotte, N. C.

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**JACKSON LUMBER CO.**, Lockhart, Ala.

**JOHNSON CHAS. B.**, Paterson, N. J. Sou. Rep., Carolina Specialty Co., Charlotte, N. C.

**KEEVER STARCH CO.**, Columbus, O. Sou. Office, 1200 Woodside Bldg., Greenville, S. C.; Daniel H. Wallace, Sou. Agt., Sou. Warehouses, Greenville, S. C., Charlotte, N. C., Burlington, N. C. Sou. Reps., Claude R. Her, P. O. Box 1383, Greenville, S. C.; Luke J. Castle, 515 N. Church St., Charlotte, N. C.; F. M. Wallace, 1115 S. 26th St., Birmingham, Ala.

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**ROY & SONS, B. S.**, Worcester, Mass. Sou. Office, 21 Byrd Blvd., Greenville, S. C. John R. Roy, Representative.

**SACO-LOWELL SHOPS**, 147 Milk St., Boston, Mass. Sou. Office and Repair Depot, Charlotte, N. C. Walter W. Gayle, Sou. Agent; Branch Sou. Offices, Atlanta, Ga.; John L. Graves, Mgr.; Greenville, S. C.

**SAVOGRAN CO., THE**, Boston, Mass. Sou. Dist. Mgr., John T. Wilkes, P. O. Box 10, Laurens, S. C.; B. M. Gregory, 624 9th Court, S. Birmingham, Ala.; Alabama and Western Tennessee.

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**SHERWIN-WILLIAMS CO., THE**, Cleveland, O. Sou. Warehouses: Richmond, 1315 E. Main St.; Savannah, 655 E. Liberty St.; Charlotte, 222 W. First St.; Spartanburg, 158 E. Main St.; Columbia, 1713 Main St.; Atlanta, 70 Broad St.; N.W.; Columbus, 1038 Broadway; Nashville, 711 Church St.; Chattanooga, 826-28 Broad St.; Birmingham, 2016 Third Ave., N.; Montgomery, 33 Commerce St.; Knoxville, 314 S. Gay St.; Sou. Reps., E. H. Steger, 222 W. 1st St., Charlotte, N. C.; R. B. Olney, 158 E. W. O. Masten, 2308 S. Main St., Winston-Salem, N. C.; T. R. Moore, 509 Westover Ave., Roanoke, Va.; G. N. Jones, 207 Glascock St., Raleigh, N. C.; W. H. Mastbrook, 105 W. Iver St., Greensboro, N. C.; John Limbach, 70 Broad St., N.W., Atlanta, Ga.; D. S. Shimp, 3 Cummins Station, Nashville, Tenn.; O. A. King, Apt. 1, 2400 Barton Ave., Richmond, Va.; James C. Wilkinson, 230 Bay View Blvd., Portsmouth, Va.

**SIGNODE STEEL STRAPPING CO.**, 2600-2620 N. Western Ave., Chicago, Ill. Sou. Warehouses and Offices, Greensboro, N. C., 908 Lakeview St., Phone 6935, O. B. Shelton, Rep.; Atlanta, Ga., 113 Courtland St., S.E., A. S. Stephens, Rep.; New Orleans, La., 700 Tchoupitoulas St., P. E. Odenhahl, Rep.

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**SOCONY VACUUM OIL CO., Inc.**, Southeastern Div. Office, 1602 Baltimore Trust Bldg., Baltimore, Md. Warehouses: Union Storage Warehouse Co., 1000 W. Morehead St., Charlotte, N. C.; Textile Warehouse Co., 511 Rhett St., Greenville, S. C.; South Atlantic Bonded Warehouse Co., Greensboro, N. C.; New South Express Lines, Columbia, S. C.; Terminal Storage Corp., 317 N. 17th St., Richmond, Va.; Taylor Transfer Co., 102 Boush St., Norfolk, Va.

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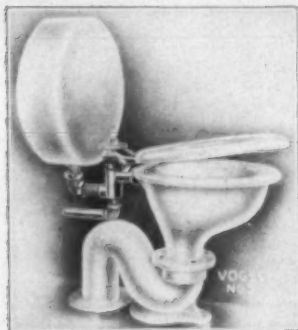
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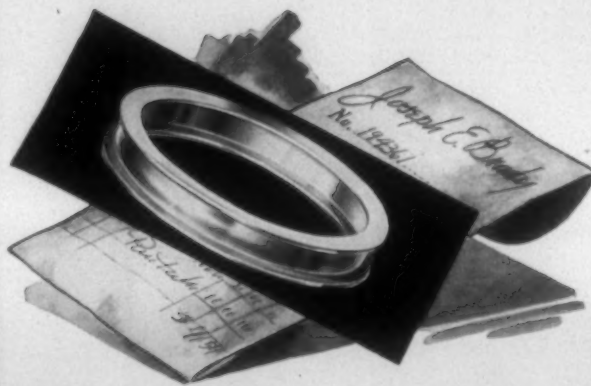
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